

# **Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) - Pipeline Review, H1 2019**

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## **Abstracts**

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### **SUMMARY**

Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) pipeline Target constitutes close to 11 molecules. Out of which approximately 8 molecules are developed by companies and remaining by the universities/institutes. The latest report Rho Associated Protein Kinase 1 - Pipeline Review, H1 2019, outlays comprehensive information on the Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) - Rho-Associated Protein Kinase 1 (ROCK1) is a protein serine/threonine kinase. It is a key regulator of actin cytoskeleton and cell polarity. It is involved in regulation of smooth muscle contraction, actin cytoskeleton organization, stress fiber and focal adhesion formation, neurite retraction, cell adhesion and motility via

phosphorylation of DAPK3, GFAP, LIMK1, LIMK2, MYL9/MLC2, PFN1 and PPP1R12A. It phosphorylates JIP3 and regulates the recruitment of JNK to JIP3 upon UVB-induced stress. It acts as a suppressor of inflammatory cell migration by regulating PTEN phosphorylation and stability.

It acts as a negative regulator of VEGF-induced angiogenic endothelial cell activation. The molecules developed by companies in Phase I and Preclinical stages are 1 and 7 respectively. Similarly, the universities portfolio in Discovery stages comprises 3 molecules, respectively. Report covers products from therapy areas Oncology, Central Nervous System, Respiratory, Gastrointestinal, Genito Urinary System And Sex Hormones, Immunology, Musculoskeletal Disorders and Ophthalmology which include indications Breast Cancer, Chronic Obstructive Pulmonary Disease (COPD), Crohn's Disease (Regional Enteritis), Fibrosis, Glaucoma, Idiopathic Pulmonary Fibrosis, Inflammation, Kidney Fibrosis, Neurodegenerative Diseases, Pain and Solid Tumor.

Furthermore, this report also reviews key players involved in Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) targeted therapeutics development with respective active and dormant or discontinued projects. Driven by data and information sourced from proprietary databases, company/university websites, clinical trial registries, conferences, SEC filings, investor presentations and featured press releases from company/university sites and industry-specific third party sources.

**Note:** Certain content/sections in the pipeline guide may be removed or altered based on the availability and relevance of data.

## SCOPE

The report provides a snapshot of the global therapeutic landscape for Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1)

The report reviews Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) targeted therapeutics under development by companies and universities/research institutes based on information derived from company and industry-specific sources

The report covers pipeline products based on various stages of development ranging from pre-registration till discovery and undisclosed stages

The report features descriptive drug profiles for the pipeline products which includes, product description, descriptive MoA, R&D brief, licensing and collaboration details & other developmental activities

The report reviews key players involved in Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) targeted therapeutics based on mechanism of action (MoA), route of administration (RoA) and molecule type

The report summarizes all the dormant and discontinued pipeline projects

The report reviews latest news and deals related to Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) targeted therapeutics

## **REASONS TO BUY**

Gain strategically significant competitor information, analysis, and insights to formulate effective R&D strategies

Identify emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage

Identify and understand the targeted therapy areas and indications for Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1)

Identify the use of drugs for target identification and drug repurposing

Identify potential new clients or partners in the target demographic

Develop strategic initiatives by understanding the focus areas of leading companies

Plan mergers and acquisitions effectively by identifying key players and it's most promising pipeline therapeutics

Devise corrective measures for pipeline projects by understanding Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) development landscape

Develop and design in-licensing and out-licensing strategies by identifying prospective partners with the most attractive projects to enhance and expand business potential and scope

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Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) - Companies Involved in Therapeutics Development

AbbVie Inc

Astex Pharmaceuticals Inc

BioAxone BioSciences Inc

Kadmon Corp LLC

Redx Pharma Plc

Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) - Drug Profiles

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R&D Progress

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Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

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Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC

*Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Pr...*

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Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC

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#### Featured News & Press Releases

Nov 29, 2018: Kadmon presents data on New ROCK Inhibitor clinical candidate at Anti-Fibrotic Drug Development Summit

Jun 18, 2013: Moffitt Cancer Center Announces Strategic Partnership with Advinus Therapeutics

Jan 17, 2013: Cancer Research UK And Cancer Research Technology Launches Phase I Clinical Trial With AT13148 To Treat Several Cancer Types

Jan 16, 2013: Astex Pharma Announces Cancer Research UK And Cancer Research Technology Initiate AT13148 Clinical Trial To Treat Several Cancer Types

Jul 10, 2012: Experimental Drug Could Treat Different Cancers, New Research Says

Oct 18, 2007: Astex Drug Candidates To Be Featured At The 2007 AACR-NCI-EORTC International Conference

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### COMPANIES MENTIONED

AbbVie Inc

Astex Pharmaceuticals Inc

BioAxone BioSciences Inc

Kadmon Corp LLC

Redx Pharma Plc

## I would like to order

Product name: Rho Associated Protein Kinase 1 (Renal Carcinoma Antigen NY REN 35 or Rho Associated Coiled Coil Containing Protein Kinase 1 or p160 ROCK 1 or ROCK1 or EC 2.7.11.1) - Pipeline Review, H1 2019

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