

Datasheet for ABIN7448618
anti-JMY antibody (AA 1-50)



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Overview

Quantity:	25 µg
Target:	JMY
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JMY antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-JMY IHC Antibody, Affinity Purified
Immunogen:	Between AA 1 and 50
Isotype:	IgG
Predicted Reactivity:	Mouse,Bovine,Dog,Guinea pig_10141,Panda,Monkey,Gorilla,Chimpanzee,Little brown bat,Small-eared galago,Northern white-cheeked gibbon
Purification:	Affinity Purified

Target Details

Target:	JMY
Alternative Name:	JMY (JMY Products)

Target Details

Background: Background: Junction-mediating and -regulatory protein (JMY) acts both as a nuclear p53/TP53-cofactor and a cytoplasmic regulator of actin dynamics depending on conditions. In the nucleus, JMY acts as a cofactor that increases p53/TP53 response via its interaction with p300/EP300 and increases p53/TP53-dependent transcription and apoptosis suggesting an important role in p53/TP53 stress response such as DNA damage. In the cytoplasm, JMY acts as a nucleation-promoting factor for both branched and un-branched actin filaments. It activates the Arp2/3 complex to induce branched actin filament networks and also catalyzes actin polymerization in the absence of Arp2/3, creating un-branched filaments [taken from the Universal Protein Resource (UniProt) Q8N9B5].

Gene ID: 133746

NCBI Accession: [NP_689618](#)

UniProt: [Q8N9B5](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: 1:100 - 1:500

Restrictions: For Research Use only

Handling

Concentration: 250 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months