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Datasheet for ABIN7452890 **anti-JMY antibody (AA 800-850)**

Overview

Quantity:	20 µg
Target:	JMY
Binding Specificity:	AA 800-850
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JMY antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-JMY Antibody, Affinity Purified
Immunogen:	between AA 800 and 850
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	JMY
Alternative Name:	JMY (JMY Products)
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

Target Details

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: IP: Not recommended. Use rabbit anti-JMY antibody A302-572A.
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 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