



[Go to Product page](#)

Datasheet for ABIN7454459 anti-JMY antibody (AA 1-50)

Overview

Quantity:	100 µg
Target:	JMY
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JMY antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-JMY Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Predicted Reactivity:	Mouse
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:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 5 µg/mg lysate WB: Not recommended. Use rabbit anti-JMY antibody A302-573A.
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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