

Rabbit anti-Human JMY Polyclonal Antibody | anti-JMY antibody

Rabbit anti-JMY Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211931	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

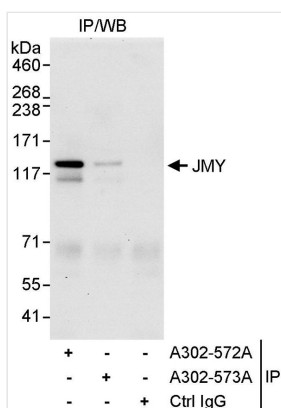
PRODUCT SYNONYMS

JMY; Polyclonal Antibody; Rabbit anti-JMY Antibody; Affinity Purified; WHDC1L3; WHAMM2; junction-mediating and-regulatory protein; WAS protein homology region 2 domain containing 1-like 3; Junction-mediating and-regulatory protein; junction mediating and regulatory protein; p53 cofactor; anti-JMY antibody

PRODUCT SPECIFICATIONS

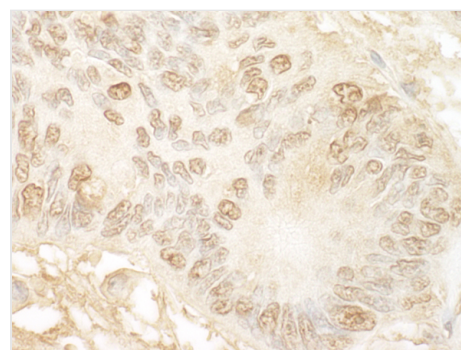
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-JMY antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human JMY by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-JMY antibody AAA211931 used for IP at 3 ug/mg lysate. JMY was less efficiently immunoprecipitated by rabbit anti-JMY antibody which recognizes a downstream epitope. For blotting immunoprecipitated JMY, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human JMY by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-JMY (Cat. No. AAA211931 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-JMY antibody	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) www.uniprot.org/uniprot/Q8N9B5].
Product Categories/Family for anti-JMY antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	133746
UniProt Accession #	Q8N9B5
UniProt Protein Name	Junction-mediating and -regulatory protein
UniProt Gene Name	JMY
UniProt Entry Name	JMY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/jmy-antibody-immunohistochemistry-immunoprecipitation-elisa/211931>