

Rabbit anti-Human, Mouse FAM96B Polyclonal Antibody | anti-FAM96B antibody

Rabbit anti-FAM96B Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213447	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

FAM96B; Polyclonal Antibody; Rabbit anti-FAM96B Antibody; Affinity Purified; MIP18; CGI-128; MSS19-interacting protein of 18 kDa; Protein FAM96B; mitotic spindle-associated MMXD complex subunit MIP18; CIA2B; cytosolic iron-sulfur assembly component 2B; family with sequence similarity 96 member B; Mitotic spindle-associated MMXD complex subunit MIP18; anti-FAM96B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
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-FAM96B antibody	IP (Immunoprecipitation), WB (Western Blot)
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



WB (Western Blot)

Detection of human and mouse FAM96B by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, RKO, K-562, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-FAM96B antibody (AAA213447 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human FAM96B by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-FAM96B antibody (AAA213447 lot 1) used for IP at 1 ug per reaction. FAM96B was also immunoprecipitated by rabbit anti-FAM96B antibody For blotting immunoprecipitated FAM96B, AAA213447 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-FAM96B antibody

FAM96B is a component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins. As a CIA complex component and in collaboration with CIAO1 and MMS19, FAM96B binds to and facilitates the assembly of most cytosolic-nuclear Fe/S proteins. As part of the mitotic spindle-associated MMXD complex it plays a role in chromosome segregation, probably by facilitating iron-sulfur cluster assembly into ERCC2/XPD. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y3D0].

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706343
NCBI GeneID	51647
NCBI Accession #	NP_057146.1
NCBI GenBank Nucleotide #	NM_016062.3
UniProt Accession #	Q9Y3D0
Molecular Weight	17,663 Da
NCBI Official Full Name	mitotic spindle-associated MMXD complex subunit MIP18
NCBI Official Synonym Full Names	family with sequence similarity 96, member B
NCBI Official Symbol	FAM96B
NCBI Official Synonym Symbols	MIP18; CGI-128
NCBI Protein Information	mitotic spindle-associated MMXD complex subunit MIP18; MSS19-interacting protein of 18 kDa
UniProt Protein Name	Mitotic spindle-associated MMXD complex subunit MIP18
UniProt Gene Name	FAM96B
UniProt Synonym Gene Names	MIP18; CGI-128; HSPC118
UniProt Entry Name	MIP18_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fam96b-antibody-immunoprecipitation-western-blot-elisa/213447>