

Rabbit FAM96B Polyclonal Antibody | anti-FAM96B antibody

FAM96B Antibody

CATALOG # AAA323096	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

FAM96B; Polyclonal Antibody; FAM96B Antibody; CGI 128; Family with sequence similarity 96; member B; HSPC118; Hypothetical protein LOC51647; MIP18; MIP18_HUMAN; Mitotic spindle-associated MMXD complex subunit MIP18; MSS19-interacting protein of 18 kDa; Protein FAM96B; anti-FAM96B antibody

PRODUCT SPECIFICATIONS

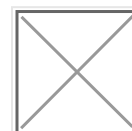
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FAM96B antibody detects endogenous levels of FAM96B.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	163
Applicable Applications for anti-FAM96B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FAM96B.
Subcellular Location	Nucleus. Cytoplasm > Cytoskeleton > Spindle.
Predicted Cross Reactivity	Chicken
Similarity	Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323096 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of Ramos cells, using FAM96B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FAM96B antibody	Function: 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 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. Subunit Structure: Component of the CIA complex. Component of the MMXD complex, which includes CIAO1, ERCC2, FAM96B, MMS19 and SLC25A5. Interacts with ERCC2 and MMS19; the interaction is direct. Similarity: Belongs to the MIP18 family.
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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	Observed: 18-20 kDa Predicted: 18 kDa
NCBI Official Full Name	cytosolic iron-sulfur assembly component 2B
NCBI Official Synonym Full Names	cytosolic iron-sulfur assembly component 2B
NCBI Official Symbol	CIAO2B
NCBI Official Synonym Symbols	CIA2B; MIP18; FAM96B; CGI-128
NCBI Protein Information	cytosolic iron-sulfur assembly component 2B
UniProt Protein Name	Cytosolic iron-sulfur assembly component 2B
UniProt Gene Name	CIAO2B

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-immunohistochemistry-western-blot-elisa/323096>