

Rabbit anti-Human FAM193B Polyclonal Antibody | anti-FAM193B antibody

FAM193B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40623	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

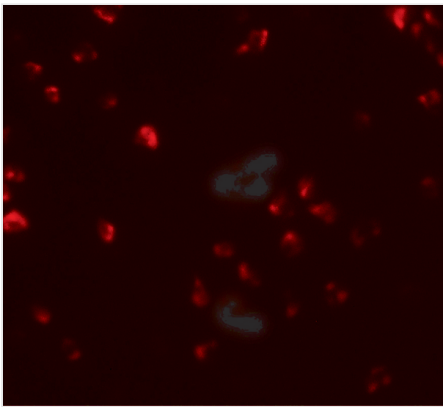
PRODUCT SYNONYMS

FAM193B; Polyclonal Antibody; FAM193B Antibody; IRIZIO; KIAA1931; Protein FAM193B; family with sequence similarity 193; member B; anti-FAM193B antibody

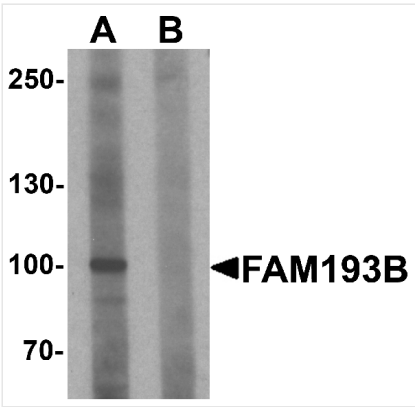
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of FAM193B are known to exist; this antibody will detect both isoforms.
Purity/Purification	FAM193B Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	902
Applicable Applications for anti-FAM193B antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	FAM193B antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human FAM193B.
Buffer	FAM193B Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FAM193B antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of FAM193B in Jurkat cells with FAM193B antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of FAM193B in Jurkat cell lysate with FAM193B antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FAM193B antibody	FAM193B Antibody: FAM193B, also known as IRIZIO, was initially identified as a protein that is upregulated in alveolar rhabdomyosarcoma (ARMS), a type of fast-growing tumor characterized by chromosomal translocations fusing the PAX3 or PAX7 gene with that of FOXO1. It has been suggested that, in addition to the PAX3-FOXO1 gene fusion, disruption of the Rb and p53 pathways is required for full ARMS tumorigenesis. In PAX3-FOXO1-expressing primary mouse fibroblasts that possessed a defective p53 pathway, FAM193B expression enabled the tumorigenic transformation, suggesting that FAM193B may contribute to rhabdomyosarcomagenesis in humans.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205831282
NCBI GeneID	54540
UniProt Accession #	Q96PV7; Q9NW00; E9PET5
Molecular Weight	99 kDa
NCBI Official Full Name	Protein FAM193B
NCBI Official Synonym Full Names	family with sequence similarity 193, member B
NCBI Official Symbol	FAM193B
NCBI Official Synonym Symbols	IRIZIO
NCBI Protein Information	protein FAM193B
UniProt Protein Name	Protein FAM193B
UniProt Gene Name	FAM193B
UniProt Synonym Gene Names	IRIZIO; KIAA1931
UniProt Entry Name	F193B_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.