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Datasheet for ABIN6991718 **anti-FAM193B antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	FAM193B
Binding Specificity:	AA 120-170, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM193B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	FAM193B antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human FAM193B. The immunogen is located within amino acids 120 - 170 of FAM193B.
Isotype:	IgG
Specificity:	At least two isoforms of FAM193B are known to exist, this antibody will detect both isoforms.
Purification:	FAM193B Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	FAM193B
Alternative Name:	FAM193B (FAM193B Products)

Target Details

Background: 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.

Molecular Weight: 99 kDa

Gene ID: 54540

UniProt: [Q96PV7](#)

Application Details

Application Notes: FAM193B antibody can be used for detection of FAM193B by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: FAM193B Antibody is supplied in PBS containing 0.02 % 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: -20 °C, 4 °C

Storage Comment: FAM193B antibody can be stored at 4°C for three months and -20°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.