

FAM193B Rabbit pAb

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Catalog # AP55713

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96PV7
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96543
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM193B
Epitope Specificity	801-902/902
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FAM193B is a 902 amino acid protein that exists as two alternatively spliced isoforms. The gene encoding FAM193B maps to human chromosome 5, which contains 181 million base pairs and encodes around 1,000 genes. It is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Additional Information

Gene ID	54540
Other Names	Protein FAM193B, FAM193B, IRIZIO, KIAA1931
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

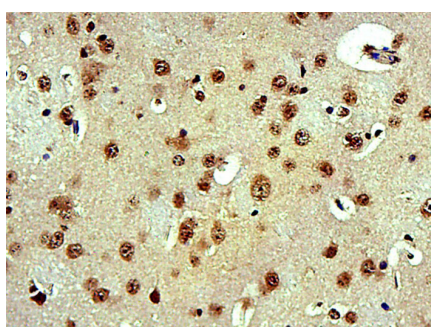
Protein Information

Name	FAM193B
Synonyms	IRIZIO, KIAA1931
Cellular Location	Cytoplasm. Nucleus. Note=Partly colocalized with an endoplasmic reticulum marker, HSP90B1. Shuttles between nucleus and cytoplasm
Tissue Location	Isoform 1 is up-regulated in both embryonal rhabdomyosarcoma and alveolar rhabdomyosarcoma cell lines

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM193B) Polyclonal Antibody, Unconjugated (AP55713) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.