

FAM84A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP54339

Specification

FAM84A Polyclonal Antibody - Product Information

Application **Primary Accession**

Reactivity Host Clonality Calculated MW **Physical State**

Immunogen

Epitope Specificity

Isotype **Purity**

affinity purified by Protein A

0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol. Belongs to the FAM84 family. Isoform 2 is phosphorylated.

WB, IHC-P, IHC-F, IF, ICC, E

from human NSE1/FAM84A

Rat, Pig, Dog, Bovine

096KN4

Rabbit

32 KDa

Liquid

laG

Polyclonal

151-250/292

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

KLH conjugated synthetic peptide derived

Buffer

SIMILARITY Post-translational modifications

Important Note

Background Descriptions

FAM84A is a 292 amino acid protein that belongs to the FAM84 family of proteins. Predominantly expressed in testis, FAM84A shares 44% amino acid identity with the related protein FAM84B. FAM84A localizes to a subcellular membrane region where there is no contact between neighboring cells and is believed to play a role in cell morphology and motility. More specifically, the expression of FAM84A increases cell motility. Two FAM84A isoforms are expressed due to alternative splicing events. Isoform 2 can be phosphorylated on various serine residues and this phosphorylation is associated with cellular morphology. FAM84A is upregulated in colorectal cancer, lung cancer, pancreatic cancer, cholangiocarcinoma and bladder cancer tissues. Via its ability to increase cell motility, FAM84A may contribute to the invasion and metastasis of cancer cells.

FAM84A Polyclonal Antibody - Additional Information

Gene ID 151354

Other Names

Protein LRATD1, LRAT domain-containing 1 {ECO:0000312|HGNC:HGNC:20743}, Neurologic sensory protein 1, NSE1, Protein FAM84A, LRATD1 (HGNC:20743), FAM84A, NSE1



Dilution

WB~~1:1000<br \><span class
="dilution_IHC-P">IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A

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.

FAM84A Polyclonal Antibody - Protein Information

Name LRATD1 (HGNC:20743)

Synonyms FAM84A, NSE1

Function

May play a role in cell morphology and motility.

Cellular Location

Cytoplasm.

Tissue Location

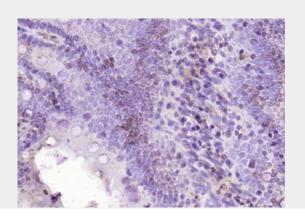
Only detected in testis. Highly expressed in colon cancer cells.

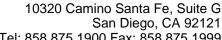
FAM84A Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FAM84A Polyclonal Antibody - Images







Tel: 858.875.1900 Fax: 858.875.1999

Paraformaldehyde-fixed, paraffin embedded (rat rectum); 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 (FAM84A) Polyclonal Antibody, Unconjugated (bs-11010) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.