

# FAM84A Rabbit pAb

FAM84A Rabbit pAb

Catalog # AP54339

## Product Information

---

<b>Application</b>	IHC-P, IHC-F, IF
<b>Primary Accession</b>	<a href="#">Q96KN4</a>
<b>Reactivity</b>	Rat
<b>Predicted</b>	Human, Mouse, Chicken, Dog, Pig, Zebrafish
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	32491
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human NSE1/FAM84A
<b>Epitope Specificity</b>	151-250/292
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SIMILARITY</b>	Belongs to the FAM84 family.
<b>Post-translational modifications</b>	Isoform 2 is phosphorylated.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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.

## Additional Information

---

<b>Gene ID</b>	151354
<b>Other Names</b>	Protein LRATD1, LRAT domain-containing 1 {ECO:0000312 HGNC:HGNC:20743}, Neurologic sensory protein 1, NSE1, Protein FAM84A, LRATD1 ( <a href="#">HGNC:20743</a> ), FAM84A, NSE1
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

<b>Storage</b>	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

---

<b>Name</b>	LRATD1 ( <a href="#">HGNC:20743</a> )
<b>Synonyms</b>	FAM84A, NSE1
<b>Function</b>	May play a role in cell morphology and motility.
<b>Cellular Location</b>	Cytoplasm.
<b>Tissue Location</b>	Only detected in testis. Highly expressed in colon cancer cells.

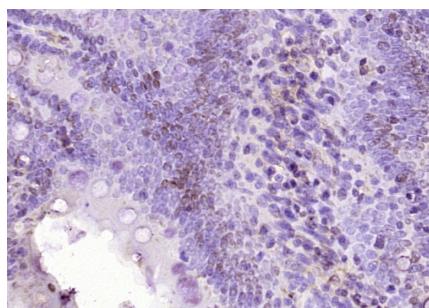
## Background

---

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.

## Images

---



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 (AP54339) at 1:200 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'.