10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RHBDF2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13588A

Product Information

Application	WB, IHC-P, E
Primary Accession	Q6PJF5
Other Accession	NP_001005498.2, NP_078875.4
Reactivity	Human, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32834
Calculated MW	96686
Antigen Region	80-109

Additional Information

Gene ID	79651
Other Names	Inactive rhomboid protein 2, iRhom2, Rhomboid 5 homolog 2, Rhomboid family member 2, Rhomboid veinlet-like protein 5, Rhomboid veinlet-like protein 6, RHBDF2, IRHOM2, RHBDL5, RHBDL6
Target/Specificity	This RHBDF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 80-109 amino acids from the N-terminal region of human RHBDF2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RHBDF2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

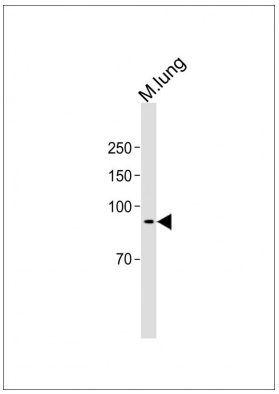
Name	RHBDF2
Synonyms	IRHOM2, RHBDL5, RHBDL6

Function	Regulates ADAM17 protease, a sheddase of the epidermal growth factor (EGF) receptor ligands and TNF, thereby plays a role in sleep, cell survival, proliferation, migration and inflammation. Does not exhibit any protease activity on its own.
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q80WQ6}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q80WQ6}. Cell membrane
Tissue Location	Found in the epidermis and esophageal epithelium.

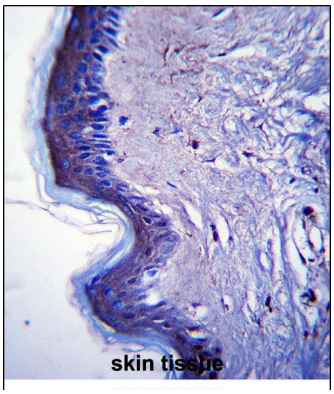
Background

Not expected to have protease activity (By similarity).

Images



All lanes: Anti-RHBDF2 Antibody (N-term) at 1:1000 dilution + Mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 97 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



RHBDF2 Antibody (N-term) (Cat. #AP13588a)immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RHBDF2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- Shikonin suppresses colon cancer cell growth and exerts synergistic effects by regulating ADAM17 and the IL 6/STAT3 signaling pathway

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