

FAM129B Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58916**Specification**

FAM129B Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q96TA1
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM129B
Epitope Specificity	284-390/746
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, cytosol. Cell junction, adherens junction. Note=In exponentially growing cells, exclusively cytoplasmic. Cell membrane localization is observed when cells reach confluency and during telophase. In melanoma cells, targeting to the plasma membrane may be impaired by C-terminal phosphorylation.
SIMILARITY	Belongs to the Niban family. Contains 1 PH domain.
Post-translational modifications	Phosphorylated at Ser-641, Ser-646, Ser-692 and Ser-696 by the BRAF/MKK/ERK signaling cascade. In melanoma cells, the C-terminal phosphorylation may prevent targeting to the plasma membrane. As apoptosis proceeds, degraded via an proteasome-independent pathway, probably by caspases (PubMed:21148485).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

May play a role in apoptosis suppression. May promote melanoma cell invasion in vitro.

FAM129B Polyclonal Antibody - Additional Information

Gene ID 64855**Other Names**

Protein Niban 2, Meg-3, Melanoma invasion by ERK, MINERVA, Niban-like protein 1, Protein FAM129B, NIBAN2 ([HGNC:25282](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=25282))

Dilution

WB ~ 1:1000
IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50 ~ 200
E ~ 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.

FAM129B Polyclonal Antibody - Protein Information

Name NIBAN2 ([HGNC:25282](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=25282))

Function

May play a role in apoptosis suppression. May promote melanoma cell invasion in vitro.

Cellular Location

Cytoplasm, cytosol. Cell junction, adherens junction. Membrane; Lipid-anchor. Note=In exponentially growing cells, exclusively cytoplasmic. Cell membrane localization is observed when cells reach confluency and during telophase. In melanoma cells, targeting to the plasma membrane may be impaired by C-terminal phosphorylation

FAM129B 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 Cytometry](#)
- [Cell Culture](#)

FAM129B Polyclonal Antibody - Images