



Rabbit Anti-FAM129B antibody

SL8205R

Product Name:	FAM129B
Chinese Name:	FAM129B蛋白抗体
Alias:	chromosome 9 open reading frame 88; DKFZP434H0820; FAM129B; family with sequence similarity 129, member B; FLJ13518; FLJ22151; FLJ22298; hypothetical protein LOC64855; Meg 3; Meg-3; Meg3; Niban like protein 1; Niban-like protein 1; NIBL1 HUMAN; OC58; Protein FAM129B; bA356B19.6; C9orf88.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	83kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FAM129B:284-390/746
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	May play a role in apoptosis suppression. May promote melanoma cell invasion in vitro. 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.

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).

Similarity:

Belongs to the Niban family.
Contains 1 PH domain.

SWISS:

Q96TA1

Gene ID:

64855

Database links:

[Entrez Gene: 64855](#) Human

[Entrez Gene: 227737](#) Mouse

[SwissProt: Q96TA1](#) Human

[SwissProt: Q8R1F1](#) Mouse

[Unigene: 522401](#) Human

[Unigene: 301646](#) Mouse

Important Note:

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