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[Marker Primary Antibody]

Rabbit Anti-FAM129B/HRP Conjugated antibody

Catalog Number: SL8205R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-FAM129B/HRP
Immunogen:	KLH conjugated synthetic peptide derived from human FAM129B
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1000-10000 IHC-P=1:100-500 IHC-F=1:100-500 ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Cow,Sheep)
Background:	background: 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,

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	probably by caspases (PubMed:21148485). **Similarity:** Belongs to the Niban family. Contains 1 PH domain. **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.