

Rabbit Ser679/683 FAM129B Polyclonal Antibody | anti-FAM129B antibody

Anti-Phospho-Ser679/683 FAM129B

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72829	Rabbit	Human , Mouse (Expected Reactivity: Non-Human primate)	Western Blot

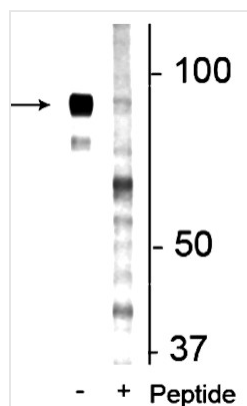
PRODUCT SYNONYMS

Ser679/683 FAM129B; Polyclonal Antibody; Anti-Phospho-Ser679/683 FAM129B; FAM129B (Ser679; 683); anti-FAM129B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human , Mouse (Expected Reactivity: Non-Human primate)
Clonality	Polyclonal
Specificity	Specific for the ~83k FAM129B phosphorylated at Ser679/683. Immunolabeling is blocked by preadsorption of antibody with the phospho-peptide that was used to generate the antibody but not by the corresponding dephospho-peptide.
Purity/Purification	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho- and dephosphopeptide affinity columns.
Form/Format	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 ?g per ml BSA and 50% glycerol.
Sequence Length	733
Applicable Applications for anti-FAM129B antibody	WB (Western Blot)
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser679/683 of human FAM129B, conjugated to keyhole limpet hemocyanin (KLH).
Preparation and Storage	Store at -20°C; Stable for at least one year.

IMAGES



WB (Western Blot)

Western blot of 3T3 cell lysate showing specific immunolabeling of the ~83 kDa FAM129B protein phosphorylated at Ser679/683 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as the antigen, but not by the corresponding non-phosphopeptide (not shown).

ADDITIONAL INFORMATION

Related Product Information for anti-FAM129B antibody	Target Description: FAM129B, also known as Niban-like protein 1, belongs to a poorly characterized protein family with unknown category and function. Increased expression of the Niban gene has been observed in renal carcinomas (Adachi et al., 2004; Sun et al., 2007). Suppression of FAM129B expression in HeLa cells has been seen to promote apoptosis, suggesting that it can modulate cell death signaling, and may be involved in the ER stress response (Sun et al., 2007). FAM129B is also up-regulated in various types of thyroid tumors and Hashimoto's thyroiditis (Matsumoto et al., 2006). It has been suggested that the MAP kinase dependent phosphorylation of FAM129B is important in controlling melanoma cells, as inhibition of B/Raf/MKK/ERK in melanoma cells represses invasion (Old et al., 2009). It is believed that phosphorylated FAM129B not only derepresses invasion, but also regulates events that promote invasion (Old et al., 2009).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	79750824
NCBI GeneID	64855
NCBI Accession #	NP_001030611.1
NCBI GenBank Nucleotide #	NM_001035534.2
UniProt Accession #	Q96TA1; Q4LE55; Q5VWW6; Q5VWW7; Q9BUS2; Q9NT35
Molecular Weight	83 kDa
NCBI Official Full Name	niban-like protein 1 isoform 2
NCBI Official Synonym Full Names	family with sequence similarity 129 member B
NCBI Official Symbol	FAM129B
NCBI Official Synonym Symbols	OC58; MEG-3; C9orf88; MINERVA; bA356B19.6
NCBI Protein Information	niban-like protein 1
UniProt Protein Name	Niban-like protein 1
UniProt Gene Name	FAM129B
UniProt Synonym Gene Names	C9orf88; MINERVA
UniProt Entry Name	NIBL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ser679-683-fam129b-antibody-western-blot-elisa/72829>