

Rabbit SUMF1 Polyclonal Antibody | anti-SUMF1 antibody

SUMF1 Antibody (C-Term)

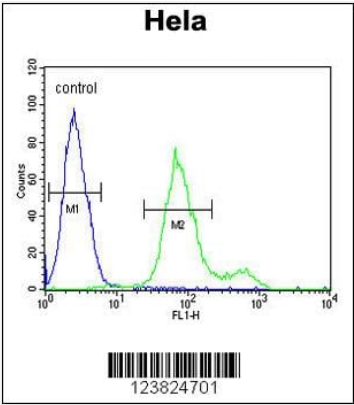
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283783	Rabbit	Human (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

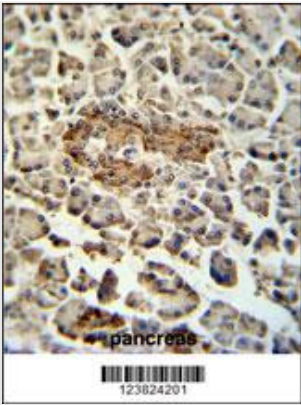
SUMF1; Polyclonal Antibody; SUMF1 Antibody (C-Term); Sulfatase-modifying factor 1; 1899-; C-alpha-formylglycine-generating enzyme 1; FGE; anti-SUMF1 antibody

PRODUCT SPECIFICATIONS

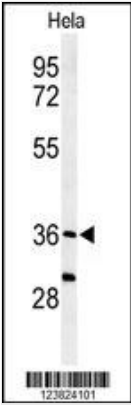
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SUMF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 303-331 amino acids from the C-terminal region of human SUMF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	303-331
Sequence Length	354
Applicable Applications for anti-SUMF1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SUMF1 Antibody (C-Term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
SUMF1 Antibody (C-Term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SUMF1 Antibody (C-Term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of SUMF1 Antibody (C-Term) in HeLa cell line lysates (35ug/lane). SUMF1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SUMF1 antibody	SUMF1 encodes an enzyme that catalyzes the hydrolysis of sulfate esters by oxidizing a cysteine residue in the substrate sulfatase to an active site 3-oxoalanine residue, which is also known as C-alpha-formylglycine.
Product Categories/Family for anti-SUMF1 antibody	Signal Transduction
References	Oshikawa, M., et al. Mol. Vis. 15, 482-494 (2009) Fraldi, A., et al. Hum. Mol. Genet. 17(17):2610-2621(2008) Hara, K., et al. Neurology 71(8):547-551(2008) Yis, U., et al. Brain Dev. 30(5):374-377(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	257470975
NCBI GeneID	285362
NCBI Accession #	NP_001158146.1; NP_001158147.1; NP_877437.2
NCBI GenBank Nucleotide #	NM_001164674.1
UniProt Accession #	Q8NBK3; Q0VAC6; Q0VAC7; Q2NL78; Q53ZE4; Q6UY39; Q96AK5; Q96DK8; B4DXK5; B7XD05; E9PGL0; G5E9B0

Molecular Weight	40556
NCBI Official Full Name	sulfatase-modifying factor 1 isoform 2
NCBI Official Synonym Full Names	sulfatase modifying factor 1
NCBI Official Symbol	SUMF1
NCBI Official Synonym Symbols	FGE; UNQ3037; AAPA3037
NCBI Protein Information	sulfatase-modifying factor 1
UniProt Protein Name	Sulfatase-modifying factor 1
UniProt Gene Name	SUMF1
UniProt Synonym Gene Names	FGE
UniProt Entry Name	SUMF1_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/sumf1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283783>