

Product datasheet for **AP54107PU-N**

SUMF1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50. Flow Cytometry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 310~339 amino acids from the C-terminal region of Human SUMF1
Specificity:	This antibody recognizes Human SUMF1 (C-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	40659 Da
Gene Name:	sulfatase modifying factor 1
Database Link:	Entrez Gene 285362 Human Q8NBK3

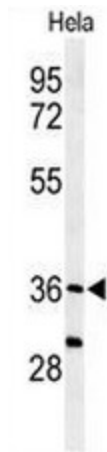


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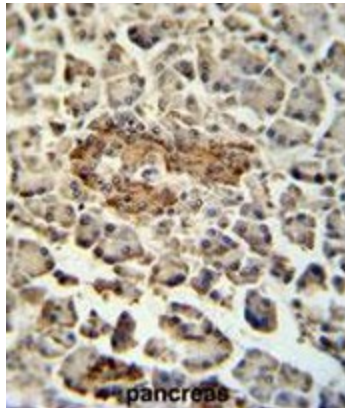
Background: SUMF1 encodes an enzyme that catalyzes the hydrolysis of sulfate esters by oxidizing a cysteine residue in the substrate sulfatase to an active site 3-oxoalanine residue, which is also known as C-alpha-formylglycine.

Synonyms: Sulfatase-modifying factor 1

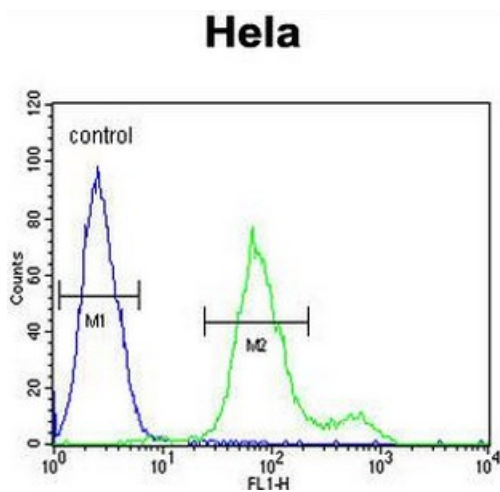
Product images:



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



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.



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.