

Rabbit anti-Human SURF1 Polyclonal Antibody | anti-SURF1 antibody

SURF1 Polyclonal Antibody

CATALOG # AAA172073	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SURF1 ; Polyclonal Antibody; SURF1 Polyclonal Antibody; anti-SURF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Applicable Applications for anti-SURF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human SURF1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-55904 / sc-55905 / sc-68345
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SURF1 antibody at dilution of 1:100 (x40 lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SURF1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SURF1 antibody

This gene encodes a protein localized to the inner mitochondrial membrane and thought to be involved in the biogenesis of the cytochrome c oxidase complex. The protein is a member of the SURF1 family, which includes the related yeast protein SHY1 and rickettsial protein RP733. The gene is located in the surf1 gene cluster, a group of very tightly linked genes that do not share sequence similarity, where it shares a bidirectional promoter with SURF2 on the opposite strand. Defects in this gene are a cause of Leigh syndrome, a severe neurological disorder that is commonly associated with systemic cytochrome c oxidase deficiency.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226503898
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NCBI GeneID	100285706
NCBI Accession #	NP_001152069.1
NCBI GenBank Nucleotide #	NM_001158597.1
Molecular Weight	Calculated MW: 33kDa
NCBI Official Full Name	SURF1
NCBI Official Symbol	LOC100285706
NCBI Official Synonym Symbols	GRMZM2G015067
NCBI Protein Information	SURF1

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/surf1-antibody-immunohistochemistry-western-blot-elisa/172073>