

Rabbit SURF1 Polyclonal Antibody | anti-SURF1 antibody

SURF1 Polyclonal Antibody

CATALOG # AAA280904	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

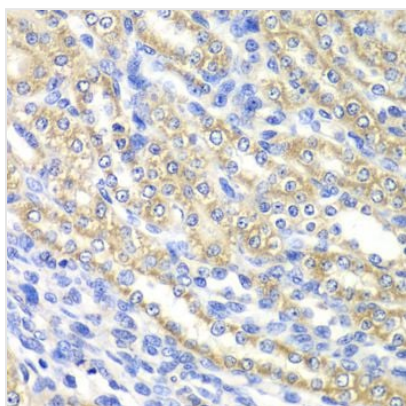
PRODUCT SYNONYMS

SURF1; Polyclonal Antibody; SURF1 Polyclonal Antibody; CMT4K; anti-SURF1 antibody

PRODUCT SPECIFICATIONS

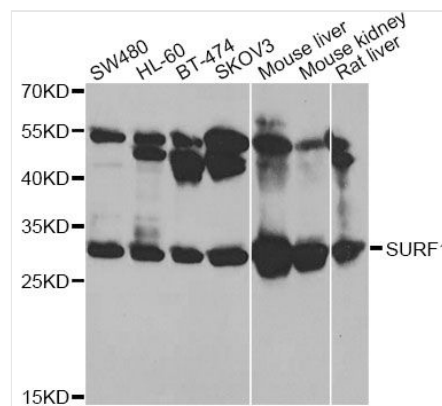
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	300
Applicable Applications for anti-SURF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human SURF1
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SURF1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SURF1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

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 surfeit 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.
Product Categories/Family for anti-SURF1 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	2498973
NCBI GeneID	6834
UniProt Accession #	Q15526; Q5T8T3; Q5T8T4
Molecular Weight	33kDa
NCBI Official Full Name	Surfeit locus protein 1
NCBI Official Synonym Full Names	SURF1, cytochrome c oxidase assembly factor
NCBI Official Symbol	SURF1
NCBI Official Synonym Symbols	CMT4K
NCBI Protein Information	surfeit locus protein 1
UniProt Protein Name	Surfeit locus protein 1
UniProt Gene Name	SURF1
UniProt Synonym Gene Names	SURF-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/surf1-antibody-immunohistochemistry-western-blot-elisa/280904>