

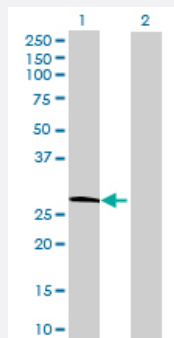
MaxPab®

SURF1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00006834-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SURF1 expression in transfected 293T cell line ([H00006834-T01](#)) by SURF1 MaxPab polyclonal antibody.

Lane1:SURF1 transfected lysate(33 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SURF1 protein.
Immunogen	SURF1 (NP_003163.1, 1 a.a. ~ 300 a.a) full-length human protein.
Sequence	MAVAALQLGLRAAGLGRAPASAAWRSVLRVSPRPGVAWRPSRCGSSAAEASATKAEDDSFL QWVLLLIPVTAFLGTWQVQRRKWKLNLIAELESRLAEPVPLPADPMELKNLEYRPVKVRGCFD HSKELYMMPRTMVDPVREAREGGLISSSTQSGAYVVTPEHCTDLGVTLVNRGFVPRKKVNPETR QKGQIEGEVDLIGMVRLTETRQPFVPENNPERNHWHYRDLEAMARITGAEPIDANFQSTVPGGPI GGQTRVTLRNEHLQYVTWYGLSAATSYLWFKKFLRGTPGV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (76)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SURF1 expression in transfected 293T cell line ([H00006834-T01](#)) by SURF1 MaxPab polyclonal antibody.

Lane1:SURF1 transfected lysate(33 KDa).

Lane2:Non-transfected lysate.

[Protocol Download](#)

Gene Info — SURF1

Entrez GeneID [6834](#)

GeneBank Accession# [NM_003172.2](#)

Protein Accession# [NP_003163.1](#)

Gene Name SURF1

Gene Alias -

Gene Description surf1

Omim ID [185620 256000](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000022473|surf1 locus protein 1

Disease

- [Cardiovascular Diseases](#)

- [Crohn Disease](#)
- [Cytochrome-c Oxidase Deficiency](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Leigh Disease](#)
- [Leigh syndrome](#)