

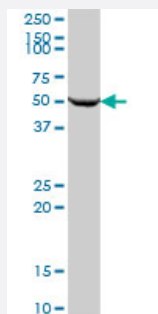
MaxPab®

SARS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00054938-B01P

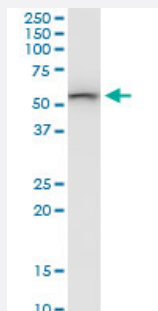
Size 50 ug

Applications



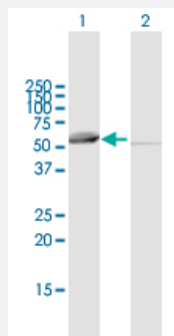
Western Blot (Tissue lysate)

SARS2 MaxPab polyclonal antibody. Western Blot analysis of SARS2 expression in human liver.



Western Blot (Cell lysate)

SARS2 MaxPab polyclonal antibody. Western Blot analysis of SARS2 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of SARS2 expression in transfected 293T cell line ([H00054938-T01](#)) by SARS2 MaxPab polyclonal antibody.

Lane 1: SARS2 transfected lysate(56.98 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SARS2 protein.

Immunogen	SARS2 (NP_060297.1, 1 a.a. ~ 518 a.a) full-length human protein.
Sequence	MAASMARRLWPLLTRRGFRPRGGCISNDSPRRSFTTEKRNRLNLLYEYAREGYSALPQLDIERFCA CPEEAAHALELRKGELRSADLPAIISTWQELRQLQEQRSLSEEEKAAVTEAVRALLANQDSGEVQ QDPKYQGLRARGREIRKELVHLYPREAQLEEQFYLQALKLPNQTHPDVPVGDESQARVLHMGVD KPVFSFQPRGHLEIGEKLDIRQKRLSHVSGHRSYYLRGAGALLQHGLVNFTFNKLLRRGFTPMTV PDLLRGAVFEGCGMTPNANPSQIYNIDPARFKDLNLAGTAEVGLAGYFMDHTVAFRDLPVVMVC SSTCYRAETNTGQEPRGLYRVHHFTKVEMFGVTGPGLEQSSQLLEEFSLQMEILTELGLHFRVL DMPTQELGLPAYRKFDIEAWMPGRGRFGEVTSASNCTDFQSRRLHIMFQTEAGELQFAHTVNAT ACAVPRLLIALLESNQKDGSLVPPALQSYLGTDRITAPTHVPLQYIGPNQPRKPGLPQGPAVS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SARS2 MaxPab polyclonal antibody. Western Blot analysis of SARS2 expression in human liver.

[Protocol Download](#)

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SARS2 MaxPab polyclonal antibody. Western Blot analysis of SARS2 expression in HeLa.

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[Protocol Download](#)

Gene Info — SARS2

Entrez GeneID [54938](#)

GeneBank Accession# [NM_017827.2](#)

Protein Accession# [NP_060297.1](#)

Gene Name SARS2

Gene Alias FLJ20450, SARS, SARSM, SERS, SYS, SerRSmt, mtSerRS

Gene Description seryl-tRNA synthetase 2, mitochondrial

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the mitochondrial seryl-tRNA synthetase precursor, a member of the class II tRNA synthetase family. The mature enzyme catalyzes the ligation of Serine to tRNA(Ser) and participates in the biosynthesis of selenocysteinyl-tRNA(sec) in mitochondria. The enzyme contains an N-terminal tRNA binding domain and a core catalytic domain. It functions in a homodimeric form, which is stabilized by tRNA binding. This gene is regulated by a bidirectional promoter that also controls the expression of mitochondrial ribosomal protein S12. Both genes are within the critical interval for the autosomal dominant deafness locus DFNA4 and might be linked to this disease. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations serine tRNA ligase 2, mitochondrial|serine-tRNA ligase, mitochondrial|seryl-tRNA synthetase 2

Pathway

- [Aminoacyl-tRNA biosynthesis](#)