

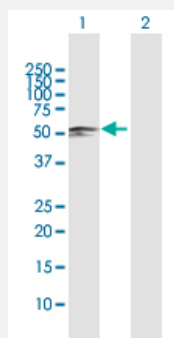
MaxPab®

SARS2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00054938-D01P

Size 100 ug

Applications



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(58.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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

MAASMARRLWPLLTRGFRPRGGCISNDSPRRSFTTEKRNRLLYEYAREGYSALPQLDIERFCA
CPEEAHALELRKGELRSADLPAIISTWQELRQLQEQRSLSEEEKAADVTEAVRALLANQDSGEVQ
QDPKYQGLRARGREIRKELVHLYPREAQLEEQFYLQALKLPNQTHPDVPVGDESQARVLHMGVD
KPVFSFQPRGHLEIGEKLDIRQKRLSHVSGHRSYLLRGAGALLQHGLVNFTFNKLLRRGFPTMTV
PDLLRGAVFEGCGMTPNANPSQIYNIDPARFKDLNLAGTAEVGLAGYFMDHTVAFRDLPLVRMVC
SSTCYRAETNTGQEPRGLYRVHHFTKVMFGVTGPGLEQSSQLLEEFSLQMEILTELGLHFRVL
DMPTQELGLPAYRKFDIEAWMPGRGRFGEVTSASNCTDFQSRRLHIMFQTEAGELQFAHTVNAT
ACAVPRLLIALLESNQKDGSVLVPPALQSYLGTDRITAPTHVPLQYIGPNQPRKPGLPQPAVS

Host

Rabbit

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 (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(58.30 KDa).

Lane 2: Non-transfected lysate.

[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](#)