

DNAXPab

Hard-to-Find
Antibody

SARS2 DNAXPab

Catalog # H00054938-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human SARS2 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MAASMARRLWPLLTRRGFRPRGGCISNDSPRRSFTEKRNRLLYEYAREGYSALPQLDIERFCA
CPEEAHALELRKGELRSADLPAISTWQELRQLQEQRSLSEEEKAHVTEAVRALLANQDSGEVQ
QDPKYQGLRARGREIRKELVHLYPREAQLEEQFYLAALKLPNQTHPDVPVGDESQARVLHMGVD
KPVFSFQPRGHLEIGEKLDIIRQKRLSHVSGHRSYYLRGAGALLQHGLVNFTFNKLLRRGFTPMV
PDLLRGAVFEGCGMTPNANPSQIYNIDPARFKDLNLAGTAEVGLAGYFMDHTVAFRDLPVRMVC
SSTCYRAETNTGQEPRGLYRVHHFTKVEMFGVTGPGLEQSSQLLEEFSLQMEILTELGLHFRVL
DMPTQELGLPAYRKFDIEAWMPGRGRFGEVTSASNCTDFQSRRLHIMFQTEAGELQFAHTVNAT
ACAVPRLLIALLESNQKDGSLVPPALQSYLGTDRTAPTHVPLQYIGPNQPRKPGLPQPAVS

Host Rabbit

Reactivity Human

Purification Protein A

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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)