

Datasheet for ABIN2778992

**anti-Seryl-tRNA Synthetase (SARS) (Middle Region) antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	Seryl-tRNA Synthetase (SARS)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SARS
Sequence:	SQFDEELYKV IGKGSEKSDD NSYDEKYLIA TSEQPIAALH RDEWLRPEDL
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 79%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against SARS. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	Seryl-tRNA Synthetase (SARS)
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## Target Details

Alternative Name:	SARS ( <a href="#">SARS Products</a> )
Background:	<p>SARS belongs to the class II amino-acyl tRNA family. The enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts. This gene belongs to the class II amino-acyl tRNA family. The encoded enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts.</p> <p>Alias Symbols: SERS, SERRS</p> <p>Protein Interaction Partner: UBC, TBCD, STAT1, GTF2E1, GTF2A1, CTTN, ATP6V1C1, ANP32E, ACBD3, ELAC2, XPO5, DUS3L, SNX5, ASF1A, ATG7, EFTUD2, TTC1, gag-pol, GATC, PALLD, TARS, CDK2, TINF2, POT1, TERF1, MYC, UBA5, TRS-AGA2-4, JUN, SIRT2,</p> <p>Protein Size: 514</p>
Molecular Weight:	57 kDa
Gene ID:	6301
NCBI Accession:	<a href="#">NM_006513</a> , <a href="#">NP_006504</a>
UniProt:	<a href="#">Q5T5C8</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 514 AA
Restrictions:	For Research Use only

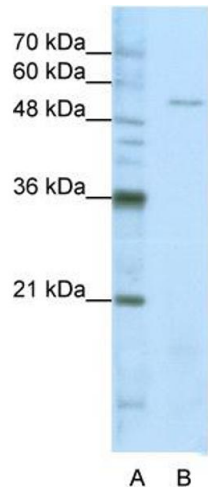
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-SARS Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate