

## ARG56336 anti-SerRS antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes SerRS
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SerRS
Species	Human
Immunogen	Recombinant protein of Human SerRS
Conjugation	Un-conjugated
Alternate Names	Seryl-tRNA synthetase; SERS; EC 6.1.1.11; SerRS; SERRS; Ser/Sec; Serine--tRNA ligase, cytoplasmic; Seryl-tRNA

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

### Properties

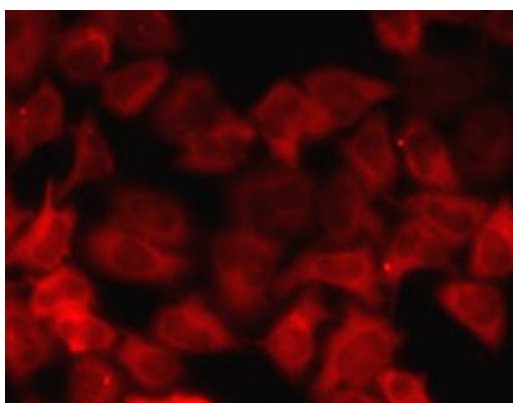
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	SARS
Gene Full Name	seryl-tRNA synthetase
Background	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. Multiple alternatively spliced transcript variants have been described but the biological validity of all variants is unknown. [provided by RefSeq, Jul 2010]
Function	Catalyzes the attachment of serine to tRNA(Ser). Is also probably able to aminoacylate tRNA(Sec) with serine, to form the misacylated tRNA L-seryl-tRNA(Sec), which will be further converted into selenocysteinyl-tRNA(Sec). [UniProt]
Calculated Mw	59 kDa

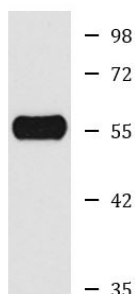
## Images

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ARG56336 anti-SerRS antibody ICC/IF image

Immunofluorescence: MCF7 cells stained with ARG56336 anti-SerRS antibody.



HeLa

ARG56336 anti-SerRS antibody WB image

Western blot: HeLa cell lysate stained with ARG56336 anti-SerRS antibody.