

Seryl-tRNA synthetase, cytoplasmic Polyclonal Conjugated Antibody

Catalog No: #C42409

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #C42409-AF350 100ul #C42409-AF405 100ul #C42409-AF488 100ul

#C42409-AF555 100ul #C42409-AF594 100ul #C42409-AF647 100ul

#C42409-AF680 100ul #C42409-AF750 100ul #C42409-Biotin 100ul

Description

Product Name	Seryl-tRNA synthetase, cytoplasmic Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Seryl-tRNA synthetase, cytoplasmic polyclonal antibody.
Immunogen Description	Recombinant human Seryl-tRNA synthetase, cytoplasmic protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Serine--tRNA ligase, Short name=SerRS, Seryl-tRNA(Ser/Sec) synthetase, SARS, SERS
Accession No.	Swiss-Prot#:P49591
Uniprot	P49591
GeneID	6301;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	56
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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 selenocysteinyI-tRNA(Sec).

Note: This product is for in vitro research use only