

Anti-WARS antibody (1-270) (STJ28325)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

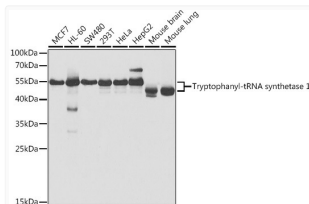
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 53kDa Observed Mw: 53-55kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	7453
Gene Symbol	WARS1
UniProt ID	SYWC_HUMAN
Immunogen Region	1-270
Immunogen Sequence	MPNSEPASLLELFNSIATQG ELVRSKAGNASKDEIDSAV KMLVSLKMSYKAAAGEDYKA DCPPGNPAPTSNHGPDTEA EEDFVDPWTVQTSSAKGIDY DKLVIRFGSSKIDKELINRI ERATGQRPHHFLRRGIFFSH RDMNQVLDAYENKKPFYLYT GRGPSSEAMHVGHLPFFIT KWLQDVFNVPLVIQMTDDEK YLWKDLTLDQAYSAYAVENAK DIACGFDINKTFIFSDLD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human Tryptophanyl-tRNA synthetase 1 (NP_776049.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using Tryptophanyl-tRNA synthetase 1 antibody (STJ28325) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.