Anti-WARS1 antibody (372-471) [S4841RM] (STJ11104841)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

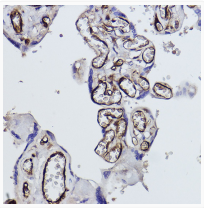
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:4000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 53kDa Observed Mw: 53kDa
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	372-471
Immunogen Sequence	VNKHAFSGGRDTIEEHRQFG GNCDVDVSFMYLTFFLEDDD KLEQIRKDYTSGAMLTGELK KALIEVLQPLIAEHQARRKE VTDEIVKEFMTPRKLSFDFQ
Specificity	A synthetic peptide corresponding to a sequence within amino acids 372-471 of human Tryptophanyl-tRNA synthetase 1 (P23381).

ADDITIONAL INFORMATION

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



Immunohistochemistry analysis of paraffin-embedded human placenta using Tryptophanyl-tRNA synthetase 1 Rabbit monoclonal antibody (STJ11104841) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.