

Anti-YARS antibody (1-300) (STJ28874)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

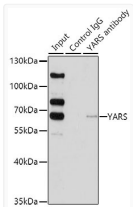
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 59kDa Observed Mw: 59kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

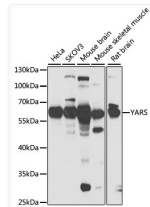
Gene ID	8565
Gene Symbol	YARS1
UniProt ID	SYYC_HUMAN
Immunogen Region	1-300
Immunogen Sequence	MGDAPSPEEKHLHLITRNLQE VLGEEKLKEILKERELKIYW GTATTGKPHVAYFVPMASKIA DFLKAGCEVTILFADLHAYL DNMKAPWELLELRVSYENV IKAMLESIGVPLEKLFKIG TDYQLSKEYTLDVYRLSSVV TQHDSSKAGAEVVKQVEHPL LSGLLYPGLQALDDEEYLVKVD AQFGGIDQRKIFTFAEKYLP ALGYSKRVHLMNPMVPGTLTG SKMSSSEESKIDLLDRKE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human YARS (NP_003671.1).

ADDITIONAL INFORMATION

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



Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 1 Mu g YARS antibody (STJ28874). Western blot was performed from the immunoprecipitate using YARS antibody (STJ28874) at a dilution of 1:1000.



Western blot analysis of various lysates using YARS Rabbit polyclonal antibody (STJ28874) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.