

Rabbit HARS Polyclonal Antibody | anti-HARS antibody

Rabbit anti-HARS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222589	Rabbit	Human, Mouse, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

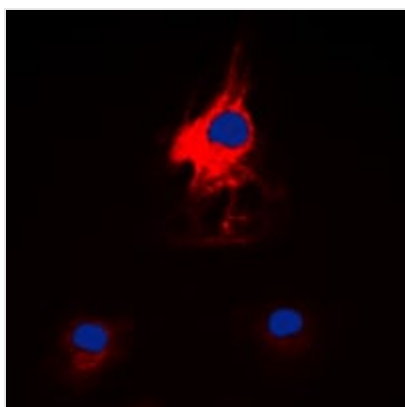
PRODUCT SYNONYMS

HARS; Polyclonal Antibody; Rabbit anti-HARS Antibody; HRS; Histidine--tRNA ligase; cytoplasmic; Histidyl-tRNA synthetase; HisRS; anti-HARS antibody

PRODUCT SPECIFICATIONS

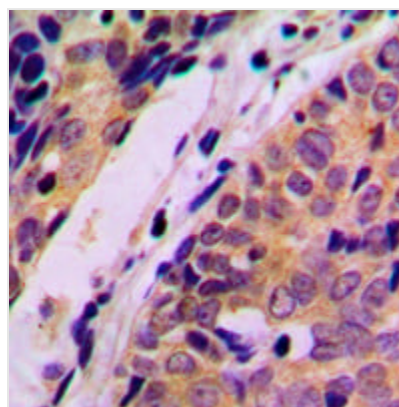
Host	Rabbit
Reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HARS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human HARS. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



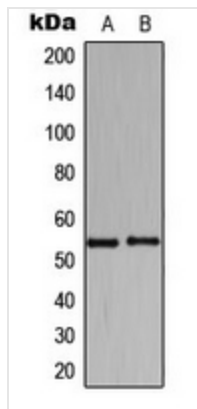
IF (Immunofluorescence)

Immunofluorescent analysis of HARS staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of HARS staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of HARS expression in K562 (A), Raw264.7 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HARS antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	384475552
NCBI GeneID	3035
NCBI Accession #	NP_001244969.1
NCBI GenBank Nucleotide #	NM_001258040.1
UniProt Accession #	P12081; Q61035
Molecular Weight	57,411 Da
NCBI Official Full Name	histidine--tRNA ligase, cytoplasmic isoform 2
NCBI Official Synonym Full Names	histidyl-tRNA synthetase
NCBI Official Symbol	HARS
NCBI Official Synonym Symbols	HRS; USH3B
NCBI Protein Information	histidine--tRNA ligase, cytoplasmic; HisRS; histidine transase
UniProt Protein Name	Histidine--tRNA ligase, cytoplasmic
UniProt Gene Name	HARS
UniProt Synonym Gene Names	HRS; HisRS
UniProt Entry Name	SYHC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.