

Rabbit anti-Human Aspartyl tRNA Synthetase Polyclonal Antibody | anti-DARS antibody

Polyclonal Antibody to Aspartyl tRNA Synthetase (DARS)

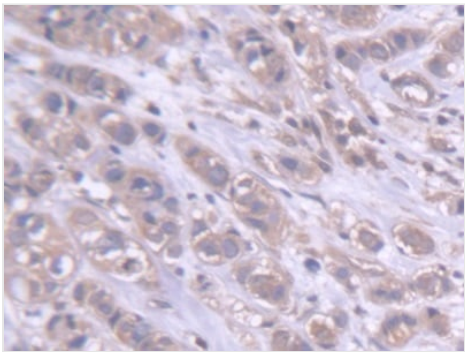
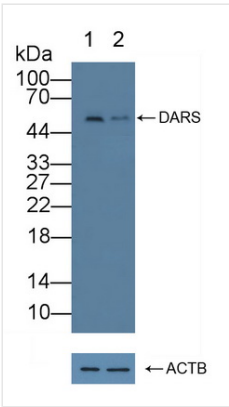
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145663	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Aspartyl tRNA Synthetase; Polyclonal Antibody; Polyclonal Antibody to Aspartyl tRNA Synthetase (DARS); AspRS; PIG40; Aspartate tRNA Ligase 1; Cytoplasmic; Cell proliferation-inducing gene 40 protein; anti-DARS antibody

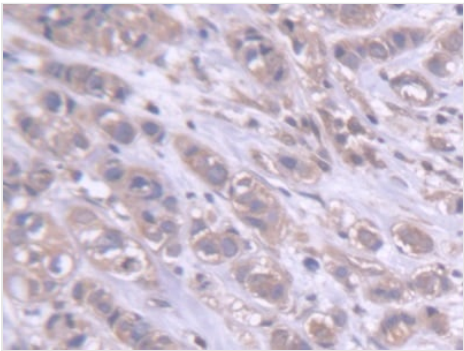
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against DARS. It has been selected for its ability to recognize DARS in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	573
Applicable Applications for anti-DARS antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	DARS (Gly363~Pro501)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant DARS (Gly363~Pro501) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

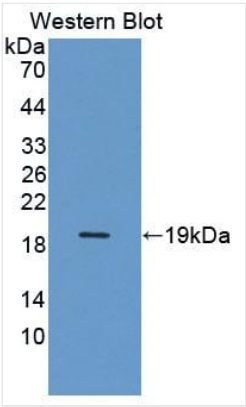


IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Breast cancer Tissue

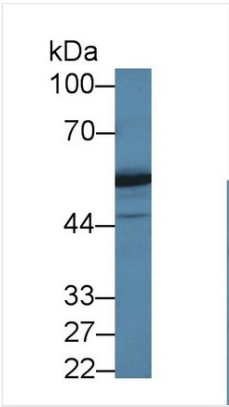
Application Data
Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: DARS knockout HepG2 cell lysate; Predicted MW: 46,57kd Observed MW: 55kd Primary Ab: 1ug/ml Rabbit Anti-Human DARS Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Jurkat cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human DARS Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-DARS antibody Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	648216372
NCBI GeneID	1615
NCBI Accession #	NP_001280241.1
NCBI GenBank Nucleotide #	NM_001293312.1
UniProt Accession #	P14868; Q2TNI3; Q32Q69; Q53HV4; Q53YC5; Q68CR9; Q9BW52; A8K3J2; D3DP77
Molecular Weight	45,771 Da
NCBI Official Full Name	aspartate--tRNA ligase, cytoplasmic isoform 2
NCBI Official Synonym Full Names	aspartyl-tRNA synthetase
NCBI Official Symbol	DARS
NCBI Official Synonym Symbols	HBSL; aspRS
NCBI Protein Information	aspartate--tRNA ligase, cytoplasmic
UniProt Protein Name	Aspartate--tRNA ligase, cytoplasmic
UniProt Gene Name	DARS
UniProt Synonym Gene Names	AspRS

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aspartyl-trna-synthetase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145663>