ARG56245
anti-DARS antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DARS
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DARS
Species	Human
Immunogen	Recombinant protein of Human DARS
Conjugation	Un-conjugated
Alternate Names	aspRS; AspRS; Cell proliferation-inducing gene 40 protein; Aspartyl-tRNA synthetase; EC 6.1.1.12; Aspartate--tRNA ligase, cytoplasmic; HBSL

Application Instructions

Application table

Application	Dilution
IHC-P	1:50 - 1:200
IP	1:50 - 1:200
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: MCF7

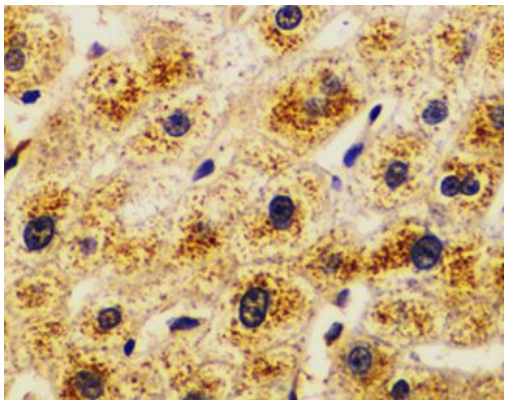
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

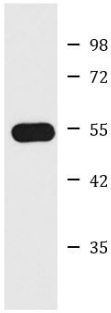
Gene Symbol	DARS
Gene Full Name	aspartyl-tRNA synthetase
Background	This gene encodes a member of a multienzyme complex that functions in mediating the attachment of amino acids to their cognate tRNAs. The encoded protein ligates L-aspartate to tRNA(Asp). Mutations in this gene have been found in patients showing hypomyelination with brainstem and spinal cord involvement and leg spasticity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]
Function	Catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA. [UniProt]
Calculated Mw	57 kDa

Images



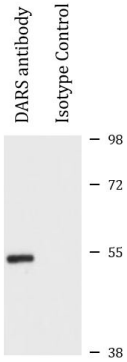
ARG56245 anti-DARS antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver injury stained with ARG56245 anti-DARS antibody at 1:100 dilution.



ARG56245 anti-DARS antibody WB image

Western blot: MCF7 cell lysate stained with ARG56245 anti-DARS antibody.



ARG56245 anti-DARS antibody IP image

Immunoprecipitation: 200 µg extracts of 293T cells were immunoprecipitated and stained with ARG56245 anti-DARS antibody at 1:1000 dilution.