

## 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	

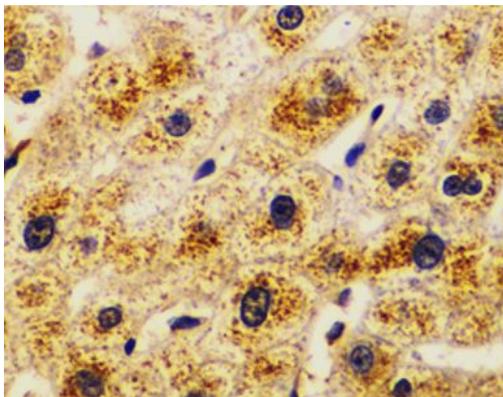
### Properties

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

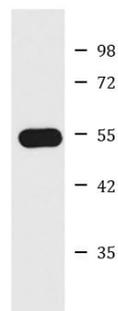
Gene Symbol	DARS
Gene Full Name	aspartyl-tRNA synthetase
Background	This gene encodes a member of a multienzyme complex that functions in mediating the attachment of amino acids to their cognate tRNAs. The encoded protein ligates L-aspartate to tRNA(Asp). Mutations in this gene have been found in patients 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

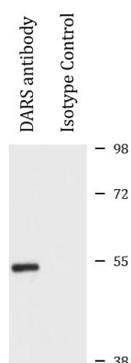
Immunohistochemistry: Paraffin-embedded Human liver injury stained with ARG56245 anti-DARS antibody at 1:100 dilution.



MCF7

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.