

Product Name: DARS Rabbit Monoclonal Antibody**Catalog #: AMRe03962**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,FC 1:50-1:100
Molecular Weight	Calculated MW:57 kDa;Observed MW: 57 kDa

Antigen Information

Gene Name	DARS
Alternative Names	DARS , PIG40 , DARS1 , Aspartate--tRNA ligase, cytoplasmic , Aspartyl-tRNA synthetase (AspRS), Cell proliferation-inducing gene 40 protein
Gene ID	1615.0
SwissProt ID	P14868
Immunogen	A synthetic peptide of human DARS

Background

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.

Research Area

Epigenetics and Nuclear Signaling

Image Data

Western blot analysis of DARS in Jurkat, K562 lysates using DARS antibody.

