

#### **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

ConjugationUnconjugatedModificationUnmodified

**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

Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and **Buffer** 

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**

**Alternative Names** 

Gene Name DARS

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

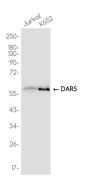


by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA.

## **Research Area**

**Epigenetics and Nuclear Signaling** 

# **Image Data**



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

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