

Datasheet for ABIN2855617

**anti-DARS antibody**

3 Images

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## Overview

Quantity:	100 µL
Target:	DARS
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DARS. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to DARS (aspartyl-tRNA synthetase) DARS antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	DARS
Alternative Name:	aspartyl-tRNA synthetase ( <a href="#">DARS Products</a> )

## Target Details

**Background:** Aspartyl-tRNA synthetase (DARS) is part of a multienzyme complex of aminoacyl-tRNA synthetases. Aspartyl-tRNA synthetase charges its cognate tRNA with aspartate during protein biosynthesis.

**Molecular Weight:** 57 kDa

**Gene ID:** 1615

**UniProt:** [P14868](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: HepG2 , Molt-4 , Raji

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.35 mg/mL

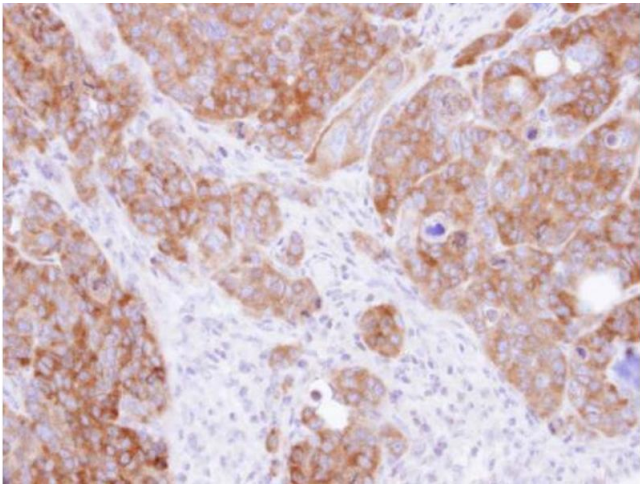
**Buffer:** 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

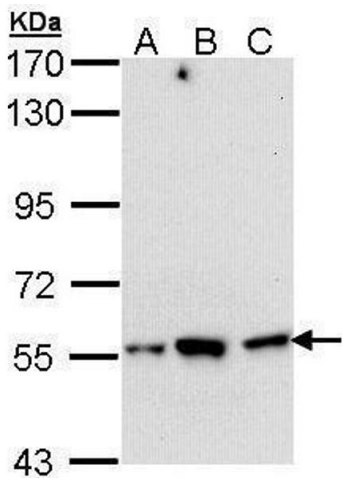
**Storage:** 4 °C, -20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



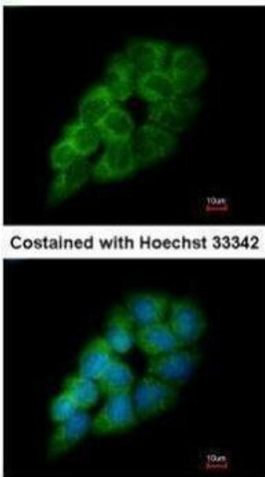
Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using DARS, antibody at 1:500 dilution.



Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , B: Molt-4 , C: Raji 7.5% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

**Image 3.** ICC/IF Image Immunofluorescence analysis of methanol-fixed A431, using DARS, antibody at 1:200 dilution.