

Datasheet for ABIN951837  
**anti-DARS antibody (N-Term)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	0.4 mL
Target:	DARS
Binding Specificity:	AA 161-190, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 161-190 amino acids from the N-terminal region of Human DARS. Genename: DARS
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DARS (N-term).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

## Target Details

Target:	DARS
Alternative Name:	DARS1 ( <a href="#">DARS Products</a> )

## Target Details

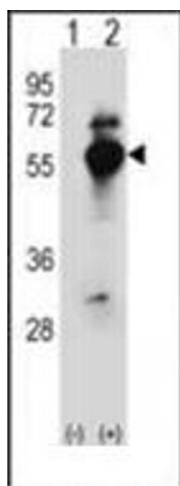
Background:	Aspartyl-tRNA synthetase (DARS) is part of a multienzyme complex of aminoacyl-tRNA synthetases. Aspartyl-tRNA synthetase charges its cognate tRNA with aspartate during protein biosynthesis.Synonyms: AspRS, Aspartate-tRNA ligase, Aspartyl-tRNA synthetase cytoplasmic, Cell proliferation-inducing gene 40 protein, DARS, PIG40
Molecular Weight:	57136 Da
Gene ID:	1615
NCBI Accession:	<a href="#">NP_001340</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

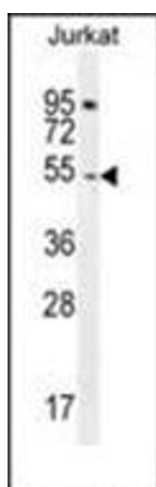
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



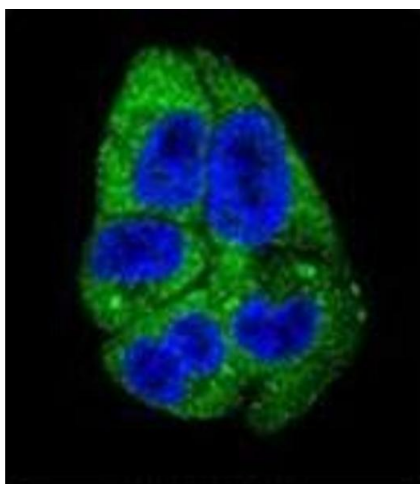
#### Western Blotting

**Image 1.** Western blot analysis of DARS (arrow) using DARS1 Antibody (N-term) Cat.-No AP51185PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DARS gene.



#### Western Blotting

**Image 2.** Western blot analysis of DARS1 Antibody (N-term) in Jurkat cell line lysates (35ug/lane). This demonstrates the DARS antibody detected the DARS protein (arrow).



#### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of DARS1 Antibody (N-term) Cat.-No AP51185PU-N with HepG2 cell followed by Alexa Fluor 488-conjugated Goat anti-Rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN951837.