

Anti-DARS antibody



Catalog Number: 104540

Product name

Anti-DARS antibody

Immunogen

[Human DARS \(His Tag\) recombinant protein](#)

Specificity

Human DARS

Antibody description

Rabbit polyclonal to DARS

Preparation

Produced in rabbits immunized with purified, recombinant Human DARS (rh DARS; P14868; Met1-Pro501). DARS specific IgG was purified by Human DARS affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC-P, IP

Dilutions

WB: 5-10 µg/ml

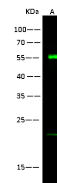
ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human DARS. The detection limit for Human DARS is < 0.039 ng/well.

IHC-P: 0.05-1 µg/mL

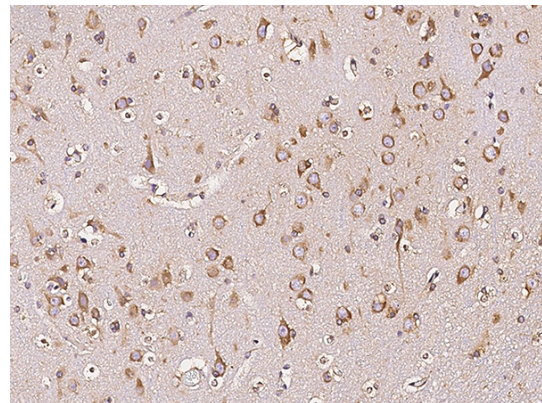
IP: 1-4 µg/mg of lysate

Validations



Items	Lanes	A
Sample (whole cell lysate)		K562
Sample Volume (µg/lane)		30
Gel		13% SDS-PAGE reducing gel
Recommended Concentration		5-10 µg/ml
Secondary Antibody		Dylight 800-labeled Antibody to Rabbit IgG (H+L) at 1:5000 dilution
		Developed using Odyssey imaging system
Explanation		Predicted band size: 57 kDa Observed band size: 55 kDa Additional bands at: 22 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).

DARS Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



DARS Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry

Immunochemical staining of human DARS in human brain with rabbit polyclonal antibody (0.1

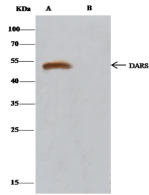
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µg/mL, formalin-fixed paraffin embedded

DARS Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation



Item	Lanes	A	B
Sample (whole cell lysate)	K562		
Sample quantity	0.5 mg		
IP antibody type	His-DARS-IP02		Rabbit Blank IgG
IP antibody quantity	2 µg		
Protein G agarose	15 µl of 50% Protein G Agarose		
Gel	13% SDS-PAGE reducing gel		
Primary antibody	His DARS antibody at 10 µg/ml		
Secondary antibody	Clean-Blot0 IP Detection Reagent (HRP) at 1:1000 dilution.		

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