abcam

Product datasheet

Anti-DHPS/DHS antibody ab67576

2 Images

Overview

Product name	Anti-DHPS/DHS antibody
Description	Mouse polyclonal to DHPS/DHS
Host species	Mouse
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Full length DHPS protein (Human)
Positive control	DHPS transfected 293T cell lysate and human placenta tissue lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab67576 in the following tested applications.

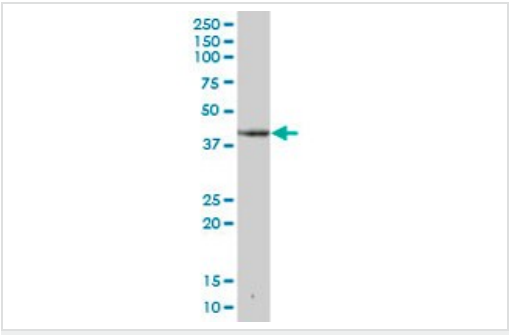
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).

Target

Function	Catalyzes the NAD-dependent oxidative cleavage of spermidine and the subsequent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the eIF-5A precursor protein to form the intermediate deoxyhypusine residue.
Pathway	Protein modification; eIF5A hypusination.
Sequence similarities	Belongs to the deoxyhypusine synthase family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.

Images

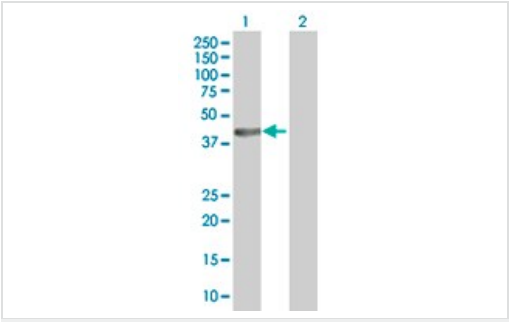


Western blot - Anti-DHPS antibody (ab67576)

Anti-DHPS/DHS antibody (ab67576) at 1/500 dilution + human placenta tissue lysate at 25 µg

Secondary
Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 41 kDa
Observed band size: 41 kDa



Western blot - Anti-DHPS antibody (ab67576)

All lanes : Anti-DHPS/DHS antibody (ab67576) at 1/500 dilution

Lane 1 : DHPS transfected 293T cell lysate
Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary
All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 41 kDa
Observed band size: 41 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors