

Product datasheet

Anti-DHPS antibody ab67576

[2 Images](#)

Overview

Product name	Anti-DHPS antibody
Description	Mouse polyclonal to DHPS
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

Our [Abpromise guarantee](#) covers the use of **ab67576** in the following tested applications.

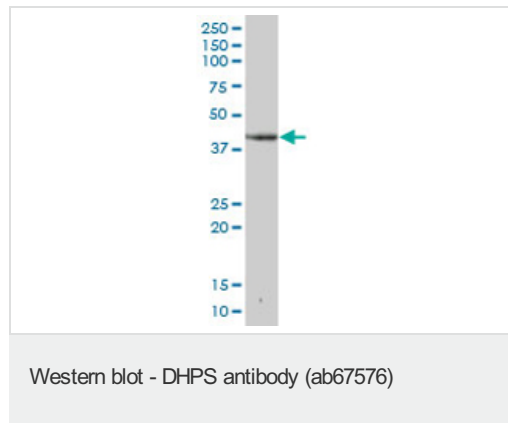
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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



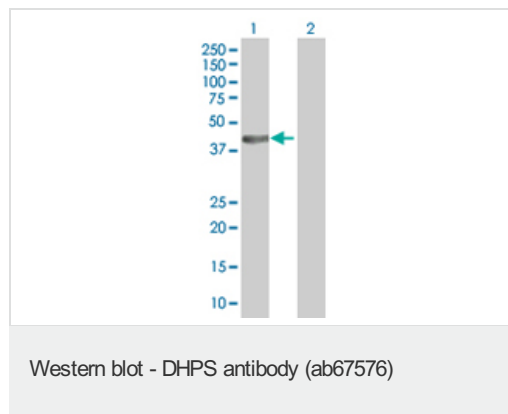
Anti-DHPS antibody (ab67576) at 1/500 dilution + human placenta tissue lysate at 25 μ g

Secondary

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

Predicted band size: 41 kDa

Observed band size: 41 kDa



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

Lane 1 : DHPS transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 μ g 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

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