

## Product datasheet

# Anti-DHPS antibody ab67576

[2 Images](#)

### Overview

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

### Properties

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

### Applications

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

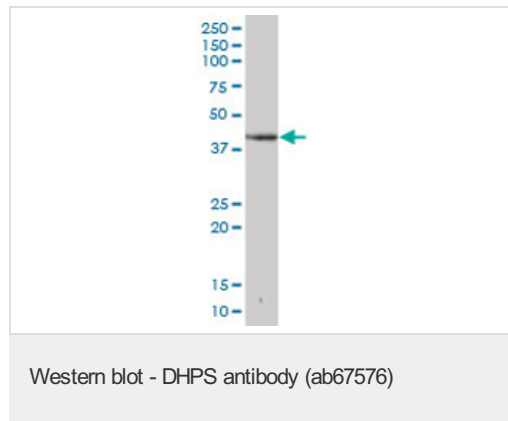
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

### Target

<b>Function</b>	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.
<b>Pathway</b>	Protein modification; eIF5A hypusination.
<b>Sequence similarities</b>	Belongs to the deoxyhypusine synthase family.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.

## Images



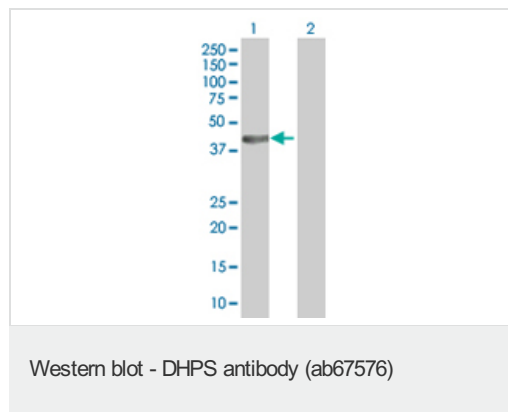
Anti-DHPS antibody (ab67576) at 1/500 dilution + human placenta tissue lysate at 25  $\mu$ g

### 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  $\mu$ 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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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