

## Anti-DHPS antibody

<b>Cat. No.</b>	ml225811
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-DHPS rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human DHPS
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1.32 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	DHPS
<b>Full name</b>	deoxyhypusine synthase

**Synonyms** DS; DHS; MIG13

**Swissprot** P49366

#### **Target Background**

This gene encodes a protein that is required for the formation of hypusine, a unique amino acid formed by the posttranslational modification of only one protein, eukaryotic translation initiation factor 5A. The encoded protein catalyzes the first step in hypusine formation by transferring the butylamine moiety of spermidine to a specific lysine residue of the eukaryotic translation initiation factor 5A precursor, forming an intermediate deoxyhypusine residue. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

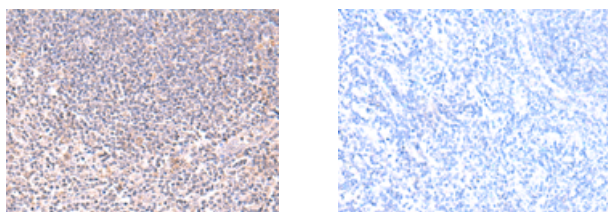
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml225811(DHPS Antibody) at dilution 1/75, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size: 41 kDa

Positive control: Human placenta tissue lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

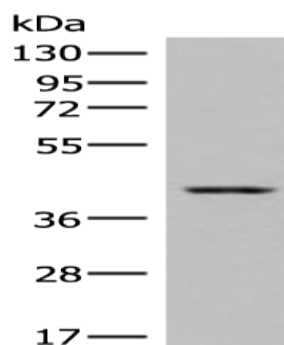
Lysate: 40  $\mu$ g

Lane: Human placenta tissue lysates

Primary antibody: ml225811(DHPS Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



#### ELISA

Recommended dilution: 5000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)