

A12648

Leader in Biomolecular Solutions for Life Science



## DEGS1 Rabbit pAb

Catalog No.: A12648

### Basic Information

**Observed MW**

38kDa

**Calculated MW**

38kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human

### Background

This gene encodes a member of the membrane fatty acid desaturase family which is responsible for inserting double bonds into specific positions in fatty acids. This protein contains three His-containing consensus motifs that are characteristic of a group of membrane fatty acid desaturases. It is predicted to be a multiple membrane-spanning protein localized to the endoplasmic reticulum. Overexpression of this gene inhibited biosynthesis of the EGF receptor, suggesting a possible role of a fatty acid desaturase in regulating biosynthetic processing of the EGF receptor.

### Recommended Dilutions

WB 1:1000 - 1:3000

### Immunogen Information

**Gene ID**

8560

**Swiss Prot**

O15121

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 234-323 of human DEGS1 (NP\_003667.1).

**Synonyms**

MLD; DEGS; DES1; Des-1; FADS7; HLD18; MIG15; DEGS-1; DEGS1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

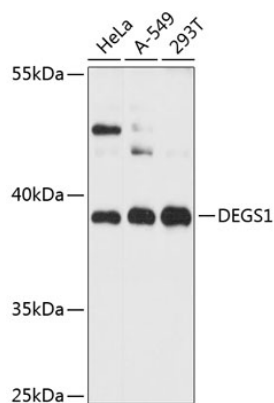
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates using DEGS1 Rabbit pAb (A12648) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.