

DEGS1 Rabbit pAb

Catalog No.: A12648

Basic Information

Observed MW

38kDa

Calculated MW

38kDa

Category

Primary antibody

Applications

ELISA, WB

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

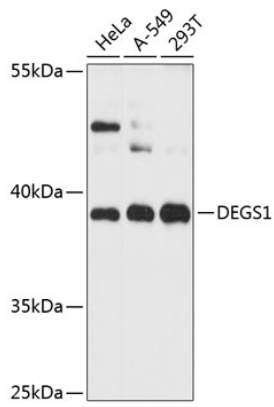
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



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.