

## DEGS1 Antibody

Catalog No: #36411

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## Description

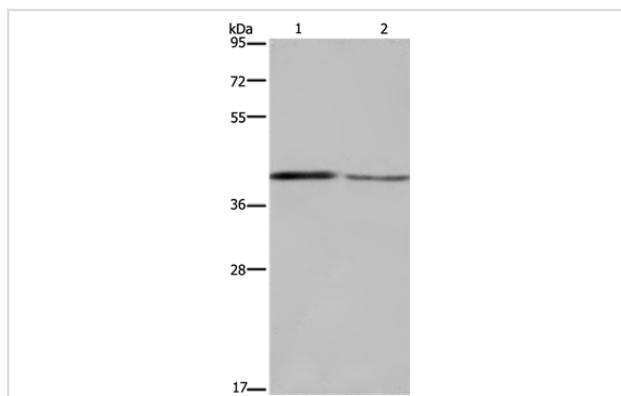
Product Name	DEGS1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total DEGS1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human delta(4)-desaturase, sphingolipid 1
Target Name	DEGS1
Other Names	MLD; DEGS; DES1; Des-1; FADS7; MIG15; DEGS-1
Accession No.	Swiss-Prot#: O15121NCBI Gene ID: 8560Gene Accssion: BC000961
Uniprot	O15121
GeneID	8560;
SDS-PAGE MW	38kd
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:100-1:300

## Images



Gel: 8%SDS-PAGE

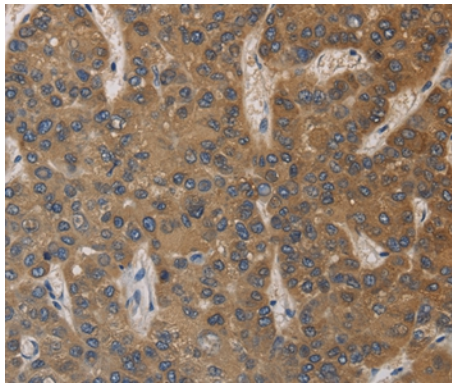
Lysates (from left to right): Mouse small intestine and skin tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/450 dilution

Secondary antibody dilution: 1/8000

Exposure time: 5 minutes



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36411 at dilution 1/40.

## 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.

Note: This product is for in vitro research use only