

Datasheet for ABIN657334

anti-DEGS1 antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	DEGS1
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEGS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This DEGS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DEGS1.
Clone:	RB33441
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DEGS1
Alternative Name:	DEGS1 (DEGS1 Products)
Background:	This gene encodes a member of the membrane fatty acid desaturase family which is

Target Details

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.

Molecular Weight: 37866

NCBI Accession: [NP_003667](#)

UniProt: [O15121](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

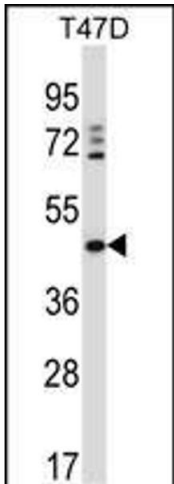
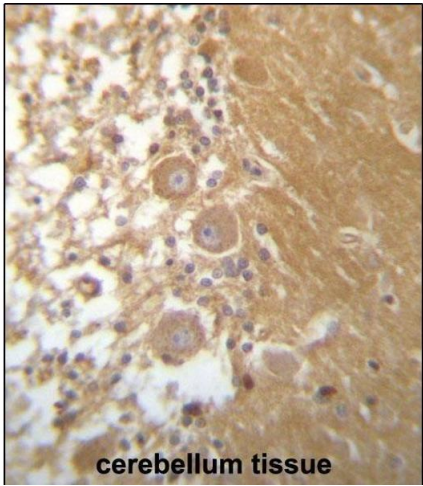
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. DEGS1 Antibody (N-term) (ABIN657334 and ABIN2846402) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DEGS1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. DEGS1 Antibody (N-term) (ABIN657334 and ABIN2846402) western blot analysis in T47D cell line lysates (35 µg/lane). This demonstrates the DEGS1 antibody detected the DEGS1 protein (arrow).