

DEGS2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55492

Specification

DEGS2 Polyclonal Antibody - Product Information

Application IHC-F, IF, ICC, E

Primary Accession <u>Q60HC5</u>

Reactivity
Host
Clonality
Rat, Dog, Bovine
Rabbit
Polyclonal

Calculated MW 37 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

from human DEGS2

Epitope Specificity 2-100/323

Isotype IgG

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Endoplasmic reticulum membrane.

SIMILARITY Belongs to the fatty acid desaturase

family. DEGS subfamily.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

This gene encodes a bifunctional enzyme that is involved in the biosynthesis of phytosphingolipids in human skin and in other phyt

DEGS2 Polyclonal Antibody - Additional Information

Gene ID 123099

Other Names

Sphingolipid delta(4)-desaturase/C4-monooxygenase DES2, 1.14.18.5, 1.14.19.17, Degenerative spermatocyte homolog 2, Sphingolipid 4-desaturase, Sphingolipid C4-monooxygenase, DEGS2 (HGNC:20113), C14orf66

Target/Specificity

Highly expressed in skin, intestine and kidney.

Dilution

IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A



Storage

Store at -20 $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 $^{\circ}$ C.

DEGS2 Polyclonal Antibody - Protein Information

Name DEGS2 (HGNC:20113)

Synonyms C14orf66

Function

Bifunctional enzyme which acts both as a sphingolipid delta(4)-desaturase and a sphingolipid C4-monooxygenase.

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q8R2F2}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q8R2F2}

Tissue Location

Highly expressed in skin, intestine and kidney.

DEGS2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DEGS2 Polyclonal Antibody - Images