

DEGS2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP10582b**Specification**

DEGS2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O6OHC5](#)
Other Accession [NP_996801.2](#)

DEGS2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 123099

Other Names

Sphingolipid delta(4)-desaturase/C4-hydroxylase DES2, 1---, 114--, Degenerative spermatocyte homolog 2, DEGS2 (HGNC:20113), C14orf66

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DEGS2 Antibody (C-term) Blocking Peptide - 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 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DEGS2 Antibody (C-term) Blocking Peptide - Images

DEGS2 Antibody (C-term) Blocking Peptide - Background

DEGS2 encodes a bifunctional enzyme that is involved in the biosynthesis of phytosphingolipids in human skin and in other phytosphingolipid-containing tissues. This enzyme can act as a sphingolipid delta(4)-desaturase, and also as a sphingolipid C4-hydroxylase.

DEGS2 Antibody (C-term) Blocking Peptide - References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005) Mizutani, Y., et al. FEBS Lett. 563 (1-3), 93-97 (2004) :