

Datasheet for ABIN951878
anti-DEGS2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	DEGS2
Binding Specificity:	AA 268-298, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEGS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 268-298 amino acids from the C-terminal region of human DEGS2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DEGS2 (C-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	DEGS2
Alternative Name:	DEGS2 (DEGS2 Products)

Target Details

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.Synonyms: C14orf66, DES2, Degenerative spermatocyte homolog 2, Sphingolipid delta(4)-desaturase/C4-hydroxylase DES2
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Molecular Weight:	37197 Da
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Gene ID:	123099
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NCBI Accession:	NP_996801
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	0.25 mg/mL
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Buffer:	PBS, 0.09 % Sodium Azide
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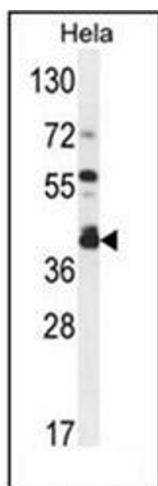
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freezing and thawing.
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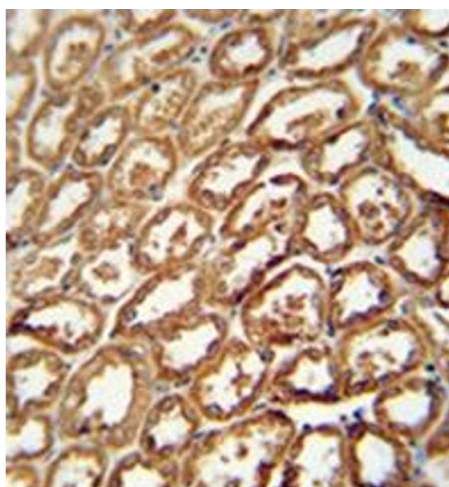
Storage:	4 °C/-20 °C
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Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.
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Western Blotting

Image 1. Western blot analysis of DEGS2 Antibody (C-term) in HeLa cell line lysates (35ug/lane). This demonstrates the DEGS2 antibody detected the DEGS2 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin fixed and paraffin embedded human kidney tissue reacted with DEGS2 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.