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Datasheet for ABIN5001145

## anti-DEGS1 antibody (AA 21-120) (AbBy Fluor® 750)

### Overview

Quantity:	100 µL
Target:	DEGS1
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEGS1 antibody is conjugated to AbBy Fluor® 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DEGS1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	DEGS1
Alternative Name:	DEGS1 ( <a href="#">DEGS1 Products</a> )
Background:	Synonyms: Degenerative spermatocyte homolog 1, Degenerative spermatocyte homolog 1 lipid

## Target Details

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desaturase, Degenerative spermatocyte homolog lipid desaturase, DEGS 1, DEGS, Des 1, DES1, Dihydroceramide desaturase, FADS7, Membrane fatty acid lipid desaturase, Membrane lipid desaturase, MGC5079, MIG15v Migration inducing gene 15 protein, MLD, Sphingolipid delta 4 desaturase, Sphingolipid delta4 desaturase DES1.DEGS1\_HUMAN

Background: DEGS1 is a member of the membrane fatty acid desaturase family which is responsible for inserting double bonds into specific positions in fatty acids. It contains three His containing consensus motifs that are characteristic of a group of membrane fatty acid desaturases. It has sphingolipid-delta-4-desaturase activity and converts D-erythro-sphinganine to D-erythro-sphingosine (E-sphing-4-enine).

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Gene ID: 653121

UniProt: [O15121](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months