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Rabbit Anti-DEGS2 antibody

SL14261R

Product Name	DEGS2
Chinese Name	退行性精母细胞同源物 2 抗体
Alias	C14orf66; Degenerative spermatocyte homolog 2; Degenerative spermatocyte homolog 2, lipid desaturase; Degs2; DEGS2_HUMAN; DES2; FADS8; Sphingolipid C4-hydroxylase/delta 4-desaturase; Sphingolipid delta(4)-desaturase/C4-hydroxylase DES2.
Research Area	Cell biology Developmental biology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Cow,Horse,Rabbit)
Applications	ICC/IF=1:100-500,ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	37kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DEGS2: 2-100/323
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	This gene encodes a bifunctional enzyme that is involved in the biosynthesis

of phytosphingolipids in human skin and in other phyt

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

Subcellular Location:
Endoplasmic reticulum membrane.

Tissue Specificity:
Highly expressed in skin, intestine and kidney.

Similarity:
Belongs to the fatty acid desaturase family. DEGS subfamily.

SWISS:
Q6QHC5

Gene ID:
123099

Database links:

Entrez Gene: 123099 Human

Entrez Gene: 70059 Mouse

Entrez Gene: 314438 Rat

Omim: 610862 Human

SwissProt: Q6QHC5 Human

SwissProt: Q8R2F2 Mouse

SwissProt: Q564G3 Rat

Unigene: 159643 Human

Unigene: 207605 Mouse

Unigene: 166717 Rat