

Product datasheet for **AP05300SU-N**

DEGS2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot (1-5 µg/ml). <i>Positive Control:</i> Highly expressed in skin, intestine and kidney.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from Human DEGS2 protein
Specificity:	This antibody detects Degenerative Spermatocyte Homolog 2, highly expressed in skin, intestine and kidney.
Formulation:	Phosphate buffered saline with 0.08% Sodium Azide as preservative State: Liquid Ig fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the product (in aliquots) at -20°C. Can be shipped at 2-8°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	delta(4)-desaturase, sphingolipid 2
Database Link:	Entrez Gene 123099 Human Q6QHCS
Background:	Bifunctional enzyme which acts as both a sphingolipid delta(4)-desaturase and a sphingolipid C4-hydroxylase. Up-regulated during keratinocyte differentiation. Not expressed at day 0 or day 3 after differentiation, detected on day 6 and increases by day 9. Belongs to the fatty acid desaturase family. DEGS subfamily. Highly expressed in skin, intestine and kidney.
Synonyms:	Degenerative spermatocyte homolog 2, C14orf66, DES2
Note:	Molecular Weight: 37kDa
Protein Families:	Transmembrane



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Protein Pathways: Metabolic pathways, Sphingolipid metabolism