

## Product datasheet for **AP05300PU-N**

### DEGS2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot (1:400 starting dilution).
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 State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography
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:	<a href="#">Entrez Gene 123099 Human</a> <a href="#">Q6QHCS</a>
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
Protein Families:	Transmembrane



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**Protein Pathways:** Metabolic pathways, Sphingolipid metabolism