Immunoway
Best Tools for immunology Research
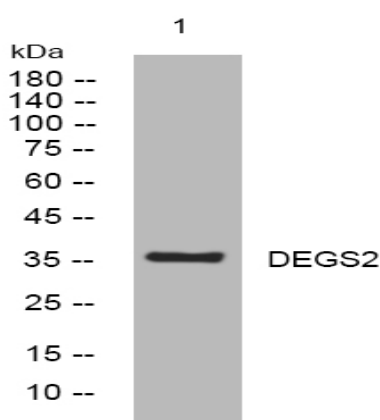
DEGS2 rabbit pAb

Catalog No : YT6346

Reactivity : Human;Mouse;Rat

Applications : WB

Target : DEGS2

Fields : >>Sphingolipid metabolism;>>Metabolic pathways;>>Sphingolipid signaling pathway

Gene Name : DEGS2 C14orf66

Protein Name : DEGS2

Human Gene Id : 123099

Human Swiss Prot No : Q6QHC5

Mouse Gene Id : 70059

Mouse Swiss Prot No : Q8R2F2

Rat Gene Id : 314438

Rat Swiss Prot No : Q564G3

Immunogen : Synthesized peptide derived from human DEGS2 AA range: 92-142

Specificity : This antibody detects endogenous levels of DEGS2 at Human/Mouse/Rat

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source : Polyclonal, Rabbit,IgG

Dilution : WB 1⊠500-2000

Purification : The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 36kD

Background : This gene 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. [provided by RefSeq, Oct 2008],

Function : function:Bifunctional enzyme which acts as both a sphingolipid delta(4)-desaturase and a sphingolipid C4-hydroxylase.,induction:Up-regulated during keratinocyte differentiation. Not expressed at day 0 or day 3 after differentiation, detected on day 6 and increases by day 9.,pathway:Membrane lipid metabolism; sphingolipid biosynthesis.,similarity:Belongs to the fatty acid desaturase family. DEGS subfamily.,tissue specificity:Highly expressed in skin, intestine and kidney.,

Subcellular Location : Endoplasmic reticulum membrane ; Multi-pass membrane protein .

Expression : Highly expressed in skin, intestine and kidney.

Products Images

Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night