

## Goat anti-FADS1 Antibody

<b>Item Number</b>	dAP-1011
<b>Target Molecule</b>	Principle Name: FADS1; Official Symbol: FADS1; All Names and Symbols: FADS1; fatty acid desaturase 1 ; D5D; FADS6; FADSD5; FLJ38956; FLJ90273; LLCDL1; TU12 ; delta-5 desaturase; delta-5 fatty acid desaturase; linoleoyl-CoA desaturase (delta-6-desaturase)-like 1; Accession Number (s): NP_037534.3; Human Gene ID(s): 3992; Non-Human GeneID(s): 76267 (mouse) 84575 (rat)
<b>Immunogen</b>	QPSFEPTKNKELTDE, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 50kDa band observed in Human Lung lysates (calculated MW of 51.9kDa according to NP_037534.2). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Cho HP, Nakamura M, Clarke SD. Cloning, expression, and fatty acid regulation of the human delta-5 desaturase. J Biol Chem. 1999 Dec 24;274(52):37335-9. PMID: 10601301 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**