

Goat anti-Lipin 3 Antibody

Item Number	dAP-0940
Target Molecule	Principle Name: Lipin 3; Official Symbol: LPIN3; All Names and Symbols: LPIN3; lipin 3 ; RP4-620E11.3; LPIN3L; SMP2; dJ450M14.2; dJ450M14.3; dJ620E11.2 ; lipin 3-like; Accession Number (s): NP_075047.1; Human Gene ID(s): 64900; Non-Human GeneID(s):
Immunogen	KPKQKEDAVATD, is from internal region
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 80kDa and 60kDa in Human Liver lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated s
IHC	Immunohistochemistry: In paraffin embedded Human Thyroid Gland shows staining of cytoplasm and cell membrane of epithelial cells surrounding the follicles. Recommended concentration, 2-3µg/ml.
Reference	Reference(s): Santos-Rosa H, Leung J, Grimsey N, Peak-Chew S, Siniossoglou S. The yeast lipin Smp2 couples phospholipid biosynthesis to nuclear membrane growth. EMBO J. 2005 Jun 1;24(11):1931-41. Epub 2005 May 5. .PMID: 15889145 ->

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**