

Goat anti-LITAF Antibody

Item Number	dAP-1215
Target Molecule	Principle Name: LITAF; Official Symbol: LITAF; All Names and Symbols: LITAF; lipopolysaccharide-induced TNF factor; CMT1C; FLJ38636; MGC116698; MGC116700; MGC116701; MGC125274; MGC125275; MGC125276; PIG7; SIMPLE; TP53I7; LPS-induced TNF-alpha factor; small integral membrane protein of lysosome/late endosome; tumor protein; Accession Number (s): NP_004853.2; NP_001129945.1; Human Gene ID(s): 9516; Non-Human GenelD(s): 56722 (mouse) 65161 (rat)
Immunogen	PDGKGMNPPSYYTQ, is from internal region This antibody is expected to crossreact with both reported isoforms (NP_004853.2; NP_001129945.1).
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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 25kDa band in Human Lymph Node lysates and in lysates of cell lines HeLa and HepG2 after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the b
IHC	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 6.5µg/ml.
Reference	Reference(s): Tang X, Metzger D, Leeman S, Amar S. LPS-induced TNF-alpha factor (LITAF)-deficient mice express reduced LPS-induced cytokine: Evidence for LITAF-dependent LPS signaling pathways. Proc Natl Acad Sci U S A. 2006 Sep 12;103(37):13777-82. Epub 2006 Sep 5. Erratum. PMID: 16954198->

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 end users! This product is sold for **Research Use Only**