

Goat anti-FTL Antibody

Item Number	dAP-1669
Target Molecule	Principle Name: FTL; Official Symbol: FTL; All Names and Symbols: FTL; ferritin, light polypeptide; MGC71996; L apoferritin; ferritin L subunit; ferritin L-chain; ferritin light chain; ferritin light polypeptide-like 3; Accession Number (s): NP_000137.2; Human Gene ID(s): 2512; Non-Human GeneID(s): 14325 (mouse) 29292 (rat)
Immunogen	GEYLFERLTKHD, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 128000.
Western Blot	Western Blot: Approx. 20kDa band observed in Human Brain (Cerebellum), Liver and Placenta lysates and approx. 22kDa band observed in Mouse and Rat Brain lysates (calculated MW of 20.0kDa according to NP_000137.2). Recommended concentration: 0.1-0.3µg/m
IHC	
Reference	Reference(s): Sammarco MC, Ditch S, Banerjee A, Grabczyk E. Ferritin L and H subunits are differentially regulated on a post-transcriptional level. J. Biol. Chem. 2008 Feb 283 (8): 4578-87..PMID: 18160403->

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**