

Goat anti-FABP1 / L-FABP (aa100-112) Antibody

Item Number	dAP-3457
Target Molecule	Principle Name: FABP1 / L-FABP (aa100-112); Official Symbol: FABP1; All Names and Symbols: FABP1; fatty acid binding protein 1, liver; FABPL; L-FABP; fatty acid-binding protein 1; fatty acid-binding protein, liver; liver-type fatty acid-binding protein; Accession Number (s): NP_001434.1; Human Gene ID(s): 2168; Non-Human GeneID(s):
Immunogen	SVTELNQDIITNT, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Pig
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 14kDa band observed in Human and Pig Liver lysates (calculated MW of 14.2kDa according to Human NP_001434.1 and 14.1kDa according to Pig NP_001004046.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Sharma A, Sharma A. Fatty acid induced remodeling within the human liver fatty acid-binding protein. The Journal of biological chemistry 2011 Sep 286 (36): 31924-8..PMID: 21757748->

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**