

Goat anti-IGFBP7 (aa145-159) Antibody

Item Number	dAP-2090
Target Molecule	Principle Name: IGFBP7 (aa145-159); Official Symbol: IGFBP7; All Names and Symbols: IGFBP7; insulin-like growth factor binding protein 7; FSTL2; IGFBP-7; IGFBP-7v; IGFBPRP1; MAC25; PSF; Accession Number (s): NP_001544.1; Human Gene ID(s): 3490; Non-Human GeneID(s):
Immunogen	EKAITQVSKGTCEQG, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
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: Approx 30kDa band observed in Mouse Kidney lysates (calculated MW of 29.1kDa according to Human NP_001544.1 and to Mouse NP_032074.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Honegger B, Galic M, KÄhler K, Wittwer F, Brogiolo W, Hafen E, Stocker H, Imp-L2, a putative homolog of vertebrate IGF-binding protein 7, counteracts insulin signaling in Drosophila and is essential for starvation resistance. J. Biol. 2008 7 (3): 10..PMID: 18412985->

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**