



Goat anti-IGFBP3 Antibody

Item Number	dAP-1237
Target Molecule	Principle Name: IGFBP3; Official Symbol: IGFBP3 ; All Names and Symbols: IGFBP3; insulin-like growth factor binding protein 3; tcag7.703; BP-53; IBP3; IGF-binding protein 3; acid stable subunit of the 140 K IGF complex ; binding protein 29; binding protein 53; growth hormone-dependent binding protein; Accession Number (s): NP_001013416.1; NP_000589.2; Human Gene ID(s): 3486; Non-Human GeneID(s): 16009 (mouse) 24484 (rat)
Immunogen	RYKVDYESQSTDTQN, is from internal region This antibody is expected to recognise both reported isoforms (NP_001013416.1 and NP_000589.2).
Applications	Pep ELISA, WB 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: Approx 28kDa band observed in Human Breast Cancer lysates (calculated MW of 31.7kDa according to NP_001013416.1 and 32.2kDa according to NP_000589.2). Recommended concentration: 0.02-0.06µg/ml. An additional band of 50kDa was consistently
IHC	
Reference	Reference(s): Lin J, Manson JE, Lee IM, Cook NR, Buring JE, Zhang SM. Intakes of calcium and vitamin D and breast cancer risk in women. Arch Intern Med. 2007 May 28;167(10):1050-9..PMID: 17533208 ->

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**