

Goat anti-IGFBP7 (aa194-207) Antibody

Item Number	dAP-1416
Target Molecule	Principle Name: IGFBP7 (aa194-207); Official Symbol: IGFBP7 ; All Names and Symbols: IGFBP7 ; insulin-like growth factor binding protein 7 ; FSTL2; IGFBP-7; IGFBP-7v; MAC25; PSF; Accession Number (s): NP_001544.1 ; Human Gene ID(s): 3490; Non-Human GeneID(s):
Immunogen	NKVKRGHYGVQRTE, is from internal region
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 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 50kDa band in Human Kidney, Spleen, Ovary, Prostate and Testis lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe.
IHC	Immunohistochemistry: Paraffin embedded Human Tonsil and Pancreas. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Ruan W, Xu E, Xu F, Ma Y, Deng H, Huang Q, Lv B, Hu H, Lin J, Cui J, Di M, Dong J, Lai M. IGFBP7 plays a potential tumor suppressor role in colorectal carcinogenesis. Cancer Biol Ther. 2007 Mar;6(3):354-9. Epub 2007 Mar 12..PMID: 17312390 ->

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**