

Goat anti-Triosephosphate isomerase Antibody

Item Number	dAP-0607
Target Molecule	Principle Name: Triosephosphate isomerase; Official Symbol: TPI1; All Names and Symbols: TPI1; triosephosphate isomerase 1; TPI; MGC88108; Accession Number (s): NP_000356.1; NP_001152759.1; Human Gene ID(s): 7167; Non-Human GeneID(s): 21991 (mouse) 24849 (rat)
Immunogen	LKPEFVDIINAKQ, is from C Terminus This antibody is expected to recognise reported isoforms 1 and 2 (NP_000356.1; NP_001152759.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human, 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 16000.
Western Blot	Western Blot: Approx 26kDa band observed in Human Liver (calculated MW of 26.7kDa according to NP_000356.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubated for 1 hour.
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows staining of the sinusoids. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Pancreas. Recommended concentration: 5µg/ml.
Reference	Reference(s): Jiang PZ, Gan M, Huang H, Shen XM, Wang S, Yao KT. Proteomics-based Identification of Proteins with Altered Expression Induced by 12-O-Tetradecanoylphorbol 13-acetate in Nasopharyngeal Carcinoma CNE2 Cells. Acta Biochim Biophys Sin (Shanghai). 2005 Feb;37(2):97-106. .PMID: 15685366 -

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**