

Goat anti-TGIF2 Antibody

Item Number	dAP-0695
Target Molecule	Principle Name: TGIF2; Official Symbol: TGIF2; All Names and Symbols: TGIF2; TGFB-induced factor 2 (TALE family homeobox); homeobox protein TGIF2; 5'-TG-3' interacting factor 2; TGF(beta)-induced transcription factor 2; transcription growth factor-beta-induced factor 2; TGFB-induced factor homeobox 2; OT-THUMP00000030849; Accession Number (s): NP_068581.1; Human Gene ID(s): 60436; Non-Human GeneID(s): 228839 (mouse)
Immunogen	EMELQKQQDP, is from internal region
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 16000.
Western Blot	Western Blot: Approx 22kDa band observed in lysates of A431, A549 and HEK293 cell lines (calculated MW of 25.9kDa according to NP_068581.1). Recommended concentration: 0.3-1.0µg/ml.
IHC	
Reference	Reference(s): Melhuish TA, Gallo CM, Wotton D. TGIF2 interacts with histone deacetylase 1 and represses transcription. J Biol Chem. 2001 Aug 24;276(34):32109-14. Epub 2001 Jun 26. .PMID: 11427533 ->

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**