

Goat anti-Transferrin receptor 1 Antibody

Item Number	dAP-2797
Target Molecule	Principle Name: Transferrin receptor 1; Official Symbol: TFRC; All Names and Symbols: TFRC; transferrin receptor (p90, CD71); CD71; T9; TFR; TFR1; TR; TRFR; p90; OTTHUMP00000208523; OTTHUMP00000208524; OTTHUMP00000208525; transferrin receptor protein 1; Accession Number (s): NP_003225.2; Human Gene ID(s): 7037; Non-Human GeneID(s): 22042 (mouse) 64678 (rat)
Immunogen	TRFSLARQVDGDNH, is from N Terminus Reported variants represent identical protein: NP_003225.2, NP_001121620.1.
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 128000.
Western Blot	Western Blot: Approx 90kDa band observed in Human Breast lysates (calculated MW of 84.9kDa according to NP_003225.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Jian J, Yang Q, Huang X. Src regulates Tyr(20) phosphorylation of transferrin receptor-1 and potentiates breast cancer cell survival. J Biol Chem. 2011 Oct 14;286(41):35708-15..PMID: 21859709->

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**