

Goat anti-GATA3 Antibody

Item Number	dAP-0121
Target Molecule	Principle Name: GATA3; Official Symbol: GATA3; All Names and Symbols: GATA3; GATA binding protein 3; HDR; MGC2346; MGC5199; MGC5445; GATA-binding protein 3; enhancer-binding protein GATA3; Accession Number (s): NP_001002295.1; NP_002042.1; Human Gene ID(s): 2625; Non-Human GeneID (s): 14462 (mouse)
Immunogen	EVTADQPRVSSH, is from N Terminus This antibody is expected to recognize both reported isoforms (NP_001002295.1 and NP_002042.1).
Applications	Pep ELISA, WB 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 64000.
Western Blot	Western Blot: Approx 46kDa band observed in Human Tonsil and in Mouse Kidney lysates. (calculated MW of 47.9kDa according to NP_002042.1 and Mouse NP_032117.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Marine J, Winoto A. The human enhancer-binding protein Gata3 binds to several T-cell receptor regulatory elements. Proc Natl Acad Sci U S A 1991 Aug 15;88(16):7284-8.PMID: 1871134->

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**