

Goat anti-GATA1 Antibody

Item Number	dAP-0739
Target Molecule	Principle Name: GATA1; Official Symbol: GATA1; All Names and Symbols: GATA1; GATA binding protein 1 (globin transcription factor 1); HGNC:4170; ERYF1; GF1; NFE1; GATA binding protein 1; GATA-binding protein 1 (globin transcription factor 1); erythroid transcription factor 1; globin transcription factor 1; transcription fact; Accession Number (s): NP_002040.1; Human Gene ID(s): 2623; Non-Human GeneID(s):
Immunogen	DAEAYRHSPVFQ, 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 48kDa band observed in lysates of human liver, placenta and peripheral blood mononucleocytes (calculated MW of 42.8kDa according to NP_002040.1. Recommended concentration: 0.3-1.0µg/ml.
IHC	
Reference	Reference(s): Li Z, Godinho FJ, Klusmann JH, Garriga-Canut M, Yu C, Orkin SH. Developmental stage-selective effect of somatically mutated leukemogenic transcription factor GATA1. <i>Nat Genet</i> . 2005 Jun;37 (6):613-9. Epub 2005 May 15. PMID: 15895080 ->

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 end users! This product is sold for **Research Use Only**