

Goat anti-GATA5 Antibody

Item Number	dAP-0972
Target Molecule	Principle Name: GATA5; Official Symbol: GATA5; All Names and Symbols: GATA5; GATA binding protein 5 ; bB379O24.1 ; GATA binding factor-5; GATA-binding protein 5; transcription factor GATA-5 ; Accession Number (s): NP_536721.1; Human Gene ID(s): 140628; Non-Human GeneID(s):
Immunogen	ELAARPGWAQTATAD, 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 32000.
Western Blot	Western Blot: Approx 40kDa band observed in lysates of liver cell line HepG2 (calculated MW of 41.3kDa according to NP_536721.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Belinsky SA, Liechty KC, Gentry FD, Wolf HJ, Rogers J, Vu K, Haney J, Kennedy TC, Hirsch FR, Miller Y, Franklin WA, Herman JG, Baylin SB, Bunn PA, Byers T. Promoter hypermethylation of multiple genes in sputum precedes lung cancer incidence in a high-risk cohort. Cancer Res. 2006 Mar 15;66

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**