

Goat anti-STAT5A (aa681-692) Antibody

Item Number	dAP-2613
Target Molecule	Principle Name: STAT5A (aa681-692); Official Symbol: STAT5A; All Names and Symbols: STAT5A; signal transducer and activator of transcription 5A; MGF; STAT5; Accession Number (s): NP_003143.2; Human Gene ID(s): 6776; Non-Human GeneID(s): 20850 (mouse) 24918 (rat)
Immunogen	KYYTPVLAKAVD, is from internal region This antibody is not expected to cross-react with STAT5B.
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 8000.
Western Blot	Western Blot: Approx 100kDa band observed in lysates of cell line K562 (calculated MW of 90.6kDa according to NP_003143.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Okutani Y, Kitanaka A, Tanaka T, Kamano H, Ohnishi H, Kubota Y, Ishida T, Takahara J. Src directly tyrosine-phosphorylates STAT5 on its activation site and is involved in erythropoietin-induced signaling pathway. Oncogene. 2001 Oct 4;20(45):6643-50..PMID: 11641791->

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**