

Goat anti-STAT4 (aa 613-627) Antibody

Item Number	dAP-2192
Target Molecule	Principle Name: STAT4 (aa 613-627); Official Symbol: STAT4; All Names and Symbols: STAT4; signal transducer and activator of transcription 4; SLEB11; OTTHUMP00000163553; Accession Number (s): NP_003142.1; Human Gene ID(s): 6775; Non-Human GeneID(s):
Immunogen	DHSESGEVRFHVSVEP, is from internal region
Applications	Pep ELISA, WB Trf 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: In transfected HEK293 transiently expressing full-length Human STAT4 (MYC and DYKDDDDK tagged), a band of approx.85kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody
IHC	

Reference	Reference(s): Good SR, Thieu VT, Mathur AN, Yu Q, Stritesky GL, Yeh N, O'Malley JT, Perumal NB, Kaplan MH, Temporal induction pattern of STAT4 target genes defines potential for Th1 lineage-specific programming. Journal of immunology (Baltimore, Md. : 1950) 2009 Sep 183 (6): 3839-47..PMID: 19710469
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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**