

## Goat anti-STAT4 (aa 369-383) Antibody

<b>Item Number</b>	dAP-2193
<b>Target Molecule</b>	Principle Name: STAT4 (aa 369-383); 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):
<b>Immunogen</b>	TLSNRFFVLCGTNVK, is from internal region
<b>Applications</b>	Pep ELISA, WB Trf Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. <i>Journal of immunology</i> (Baltimore, Md. : 1950) 2009 Sep 183 (6): 3839-47.. PMID: 19710469

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**