

## Goat anti-STAT3 (isoform 1 and 2) Antibody

<b>Item Number</b>	dAP-0219
<b>Target Molecule</b>	Principle Name: STAT3 (isoform 1 and 2); Official Symbol: STAT3; All Names and Symbols: STAT3; signal transducer and activator of transcription 3 (acute-phase response factor); APRF; DNA-binding protein APRF; acute-phase response factor; FLJ20882; MGC16063; HIES; Accession Number (s): NP_003141.2; NP_644805.1; Human Gene ID(s): 6774; Non-Human GeneID(s): 20848 (mouse) 25125 (rat)
<b>Immunogen</b>	DMELTSECATSPM, is from C Terminus This antibody is expected to recognise isoforms 1 and 2 (as represented by NP_644805.1 and NP_003141.2 respectively)
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Mouse
<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 8000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Mouse Thymus shows preferential staining of the Medulla over the Cortex. Recommended concentration: 4-8µg/ml.
<b>Reference</b>	Reference(s): Bromberg JF, Wrzeszczynska MH, Devgan G, Zhao Y, Pestell RG, Albanese C, Darnell JE Jr. Stat3 as an oncogene. Cell. 1999 Aug 6;98(3):295-303. Erratum in: Cell 1999 Oct 15;99(2):239..PMID: 10458605->

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**