

Goat STAT3 Polyclonal Antibody | anti-STAT3 antibody

Goat anti-STAT3 Antibody

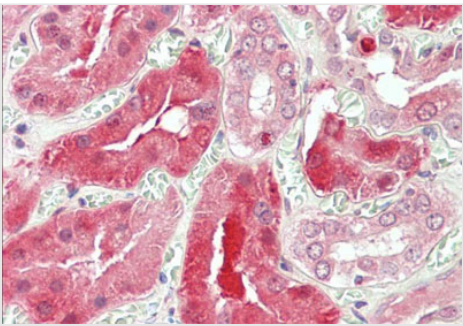
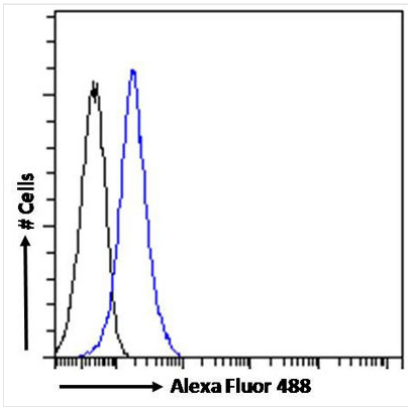
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61036	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog	Western Blot, ELISA

PRODUCT SYNONYMS

STAT3; Polyclonal Antibody; Goat anti-STAT3 Antibody; Goat Anti-STAT3 (isoform 1 and 2) Antibody; signal transducer and activator of transcription 3 (acute-phase response factor); APRF; FLJ20882; MGC16063; DNA-binding protein APRF; acute-phase response factor; signal transducer and activator of transcription 3; STAT3 antibody; signal transducer and activator of transcription 3 (acute-phase response factor) antibody; APRF antibody; FLJ20882 antibody; MGC16063 antibody; DNA-binding protein APRF antibody; acute-phase response factor antibody; signal transducer and activator of transcription 3 antibody; anti-STAT3 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	CRPESQEHPE ADP
Sequence Length	770
Applicable Applications for anti-STAT3 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence CRPESQEHPEADP, from the internal region of the protein sequence according to NP_644805.1; NP_003141.2; NP_998827.1.
Note	This antibody is expected to recognise all three reported isoforms (NP_644805.1, NP_003141.2 and NP_998827.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



IHC (Immunohistochemistry)
5ug/ml staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Application Data
Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



WB (Western Blot)
1ug/ml staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618340
NCBI GeneID	6774
NCBI Accession #	NP_644805.1; NP_003141.2; NP_998827.1
NCBI GenBank Nucleotide #	NM_139276.2
NCBI Official Full Name	signal transducer and activator of transcription 3 isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 3
NCBI Official Symbol	STAT3
NCBI Official Synonym Symbols	APRF; HIES; ADMIO
NCBI Protein Information	signal transducer and activator of transcription 3
UniProt Protein Name	Signal transducer and activator of transcription 3
UniProt Gene Name	STAT3
UniProt Entry Name	STAT3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stat3-antibody-western-blot-peptide-elisa-elisa/61036>