

Goat STAT3 Polyclonal Antibody | anti-STAT3 antibody

Goat anti-STAT3 (isoform 1 and 2) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60839	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

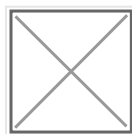
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

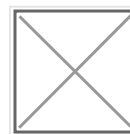
Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence	DMELTSECAT SPM
Sequence Length	769
Applicable Applications for anti-STAT3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence DMELTSECATSPM, from the C Terminus of the protein sequence according to NP_003141.2; NP_644805.1.
Epitope	C Terminus
Note	This antibody is expected to recognise isoforms 1 and 2 (as represented by NP_644805.1 and NP_003141.2 respectively)
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)

AAA60839 Flow cytometric analysis of paraformaldehyde fixed A431 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.



IF (Immunofluorescence)

AAA60839 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



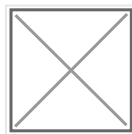
IF (Immunofluorescence)

AAA60839 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and weak nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IHC (Immunohistochemistry)

AAA60839 Negative Control showing staining of paraffin embedded Mouse Thymus, with no primary antibody



IHC (Immunohistochemistry)

AAA60839 (4ug/ml) staining of paraffin embedded Mouse Thymus. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618338
NCBI GeneID	6774
NCBI Accession #	NP_003141.2; NP_644805.1
NCBI GenBank Nucleotide #	NM_003150.3
NCBI Official Full Name	signal transducer and activator of transcription 3 isoform 2
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-immunofluorescence-immunohistochemistry-western-blot-peptide-elisa-elisa/60839>