Rabbit STAT5A (pS780) Polyclonal Antibody | anti-STAT5A antibody

Anti-STAT5A (pS780) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104717	**Rabbit**	**Human, Monkey**	**Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

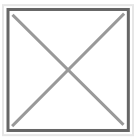
PRODUCT SYNONYMS

STAT5A (pS780); Polyclonal Antibody; Anti-STAT5A (pS780) Phospho Antibody; STAT5; Signal transducer and activator of transcription 5A; anti-STAT5A antibody

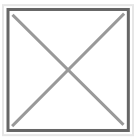
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of STAT5A (pS780) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	794
Applicable Applications for anti-STAT5A antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human STAT5A. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of STAT5A (pS780) staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of STAT5A (pS780) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of STAT5A (pS780) expression in A431 EGF-treated (A), HepG2 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT5A antibody	Rabbit polyclonal antibody to STAT5A (pS780)

NCBI AND UNIPROT INFORMATION

NCBI GI #	570359553
NCBI GeneID	6776
NCBI Accession #	NP_001275647.1
NCBI GenBank Nucleotide #	NM_001288718.1
UniProt Accession #	P42229; Q1KLZ6
Molecular Weight	86,949 Da
NCBI Official Full Name	signal transducer and activator of transcription 5A isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5A
NCBI Official Symbol	STAT5A
NCBI Official Synonym Symbols	MGF; STAT5
NCBI Protein Information	signal transducer and activator of transcription 5A
UniProt Protein Name	Signal transducer and activator of transcription 5A
UniProt Gene Name	**STAT5A**
UniProt Synonym Gene Names	STAT5
UniProt Entry Name	STA5A_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/stat5a-ps780-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104717