

Rabbit STAT3 Polyclonal Antibody | anti-STAT3 antibody

STAT3 (phospho-Tyr705)

CATALOG # AAA47824	HOST Rabbit	APPLICATIONS Immunohistochemistry, Immunoblot, Western Blot
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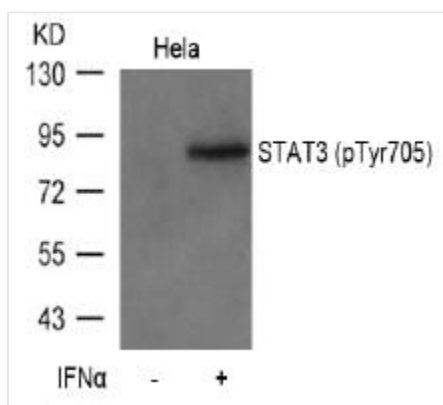
PRODUCT SYNONYMS

STAT3; Polyclonal Antibody; STAT3 (phospho-Tyr705); anti-STAT3 antibody

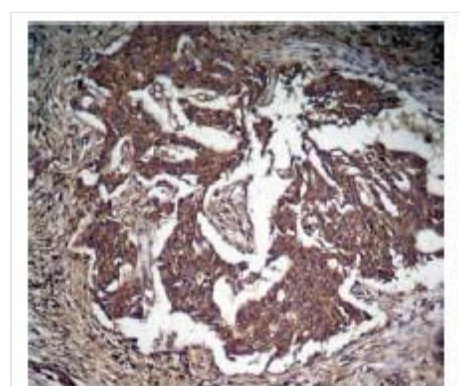
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody detects endogenous human, mouse, and rat STAT3 only when phosphorylated at tyrosine 705.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	769
Applicable Applications for anti-STAT3 antibody	IHC (Immunohistochemistry), IB (Immunoblot)
Antigen	Peptide sequence that includes phosphorylation site of tyrosine 705 (A-P-Y(p)-L-K) derived from human STAT3 and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term use.

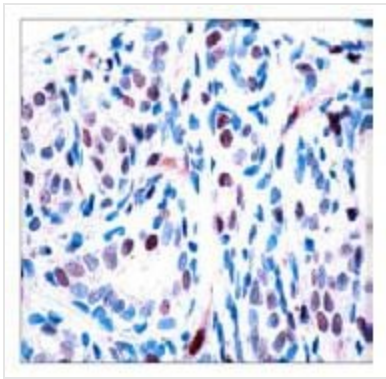
IMAGES



Application Data



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-STAT3 antibody	Signal transducers and activators of transcription (STATs) are transcription factors that play important roles in signaling pathways induced by many different cytokines and growth factors that regulate cell growth and differentiation, the immune response, antiviral activity, and homeostasis. Their activation and mechanisms of action are examples of direct signaling to the nucleus by extracellular polypeptide ligands without the involvement of second messengers, tyrosine phosphorylation of transcription factors, or transcription factors that make direct contact with membrane-bound receptors and DNA. Since the discovery of STAT 1 and 2, the family has been expanded to seven members.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21618338
NCBI GeneID	6774
NCBI Accession #	NP_003141.2
NCBI GenBank Nucleotide #	NM_003150.3
UniProt Accession #	P40763; O14916; Q9BW54; A8K7B8; K7ENL3
Molecular Weight	83,126 Da
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; ADMIO1
NCBI Protein Information	signal transducer and activator of transcription 3
UniProt Protein Name	Signal transducer and activator of transcription 3
UniProt Gene Name	STAT3

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-immunohistochemistry-immunoblot-elisa/47824>