

STAT3 Antibody | anti-STAT3 antibody

STAT3 (Phospho-Tyr705) Antibody

CATALOG # AAA109871	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, ELISA, Immunohistochemistry, Western Blot
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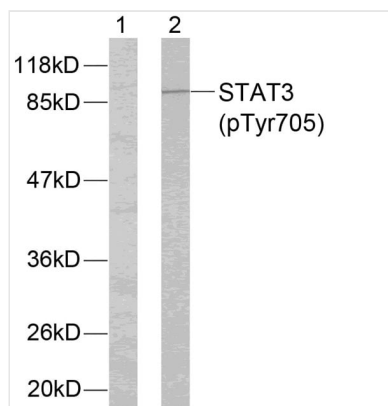
PRODUCT SYNONYMS

STAT3; STAT3 (Phospho-Tyr705) Antibody; anti-STAT3 antibody

PRODUCT SPECIFICATIONS

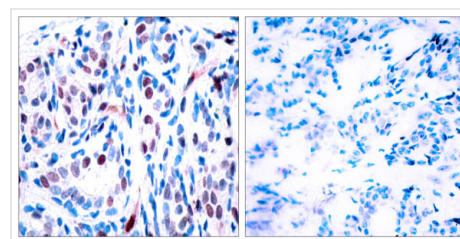
Reactivity	Human, Mouse, Rat
Specificity	STAT3 (phospho-Tyr705) antibody detects endogenous levels of STAT3 only when phosphorylated at tyrosine 705.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	769
Applicable Applications for anti-STAT3 antibody	IP (Immunoprecipitation), ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human STAT3 around the phosphorylation site of tyrosine 705 (A-P-YP-L-K).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells using STAT3 (phospho-Tyr705) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT3 (phospho-Tyr705) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-STAT3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Fan G, et al. (2003) J Biol Chem. 278(52): 52432-52436. Barry FA, et al. (2003) FEBS Lett. 553(1-2): 173-178. Welsh, et al. (1996) Trends Cell Biol. 6: 274-279. Srivastava A K, et al. (1998) Mol Cell Biochem. 182: 135-141.
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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/human-mouse-rat-antibody/stat3/109871>