

STAT2 Antibody | anti-STAT2 antibody

STAT2 (Phospho-Tyr690) Antibody

CATALOG # AAA109071	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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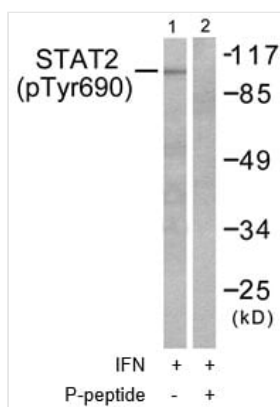
PRODUCT SYNONYMS

STAT2; STAT2 (Phospho-Tyr690) Antibody; signal transducer and activator of transcription 2; anti-STAT2 antibody

PRODUCT SPECIFICATIONS

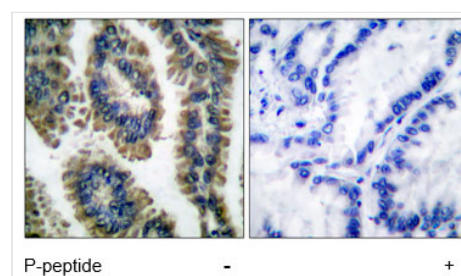
Reactivity	Human, Mouse, Rat
Specificity	STAT2 (Phospho-Tyr690) antibody detects endogenous levels of STAT2 only when phosphorylated at tyrosine 690.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	851
Applicable Applications for anti-STAT2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human STAT2 around the phosphorylation site of tyrosine 690 (R-K-YP-L-K).
All Sites	Human: Tyr690 Mouse: Tyr689 Rat: Tyr690
Preparation and Storage	Store at -20 degree C for up to 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells treated with IFN (2500U/ml, 30mins), using STAT2 (Phospho-Tyr690) antibody.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using STAT2 (Phospho-Tyr690) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-STAT2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Bin Gotoh, J. Virol., Mar 2003; 77: 3360-3370. T. Charis Wagner, J. Biol. Chem., Jan 2002; 277: 1493-1499. Sateesh Krishnamurthy, J. Virol., Jun 2006; 80: 5145-5155. MH Heim, Science, Mar 1995; 267: 1347-1349.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885615
NCBI GeneID	6773
NCBI Accession #	NP_005410.1
NCBI GenBank Nucleotide #	NM_005419.3
UniProt Accession #	P52630; Q16430; Q16431; Q9UDL4; B4DLC7; G3V2M6
NCBI Official Full Name	signal transducer and activator of transcription 2 isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 2
NCBI Official Symbol	STAT2
NCBI Official Synonym Symbols	P113; IMD44; ISGF-3; STAT113
NCBI Protein Information	signal transducer and activator of transcription 2
UniProt Protein Name	Signal transducer and activator of transcription 2
UniProt Gene Name	STAT2

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.