

Rabbit STAT2 Polyclonal Antibody | anti-STAT2 antibody

STAT2 antibody

CATALOG # AAA224977	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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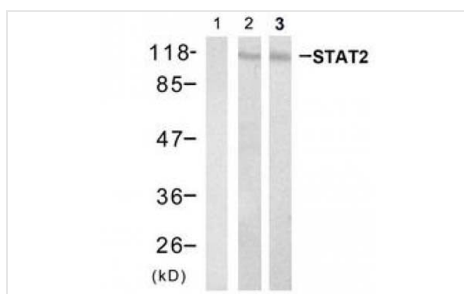
PRODUCT SYNONYMS

STAT2; Polyclonal Antibody; STAT2 antibody; Rabbit polyclonal STAT2 antibody; Polyclonal STAT2 antibody; Anti-STAT2 antibody; STAT-2 antibody; STAT-2; Signal transducer and activator of transcription 2 antibody; STAT 2 antibody; STAT 2; anti-STAT2 antibody

PRODUCT SPECIFICATIONS

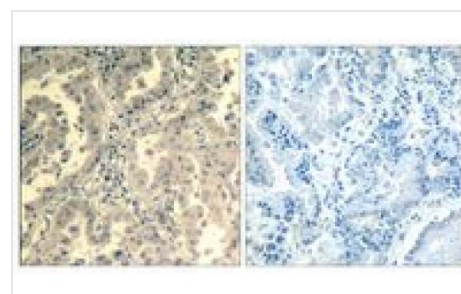
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	851
Applicable Applications for anti-STAT2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	STAT2 antibody was raised in Rabbit using the peptide sequence around aa 688~692 (R-K-Y-L-K) derived from Human STAT2 as the immunogen.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from Hela cells using STAT2 antibody and the same antibody preincubated with blocking peptide.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using STAT2 antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-STAT2 antibody	In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo-or heterodimers that translocate to the cell nucleus where they act as transcription activators. In response to interferon (IFN), this protein forms a complex with STAT1 and IFN regulatory factor family protein p48 (ISGF3G), in which this protein acts as a transactivator, but lacks the ability to bind DNA directly. Transcription adaptor P300/CBP (EP300/CREBBP) has been shown to interact specifically with this protein, which is thought to be involved in the process of blocking IFN-alpha response by adenovirus.
Product Categories/Family for anti-STAT2 antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	1293920
NCBI GeneID	6773
Molecular Weight	97,457 Da
NCBI Official Full Name	Stat2
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/stat2-antibody-western-blot-immunohistochemistry-elisa/224977>