

Rabbit anti-Human STAT2 Polyclonal Antibody | anti-STAT2 antibody

STAT2 Antibody

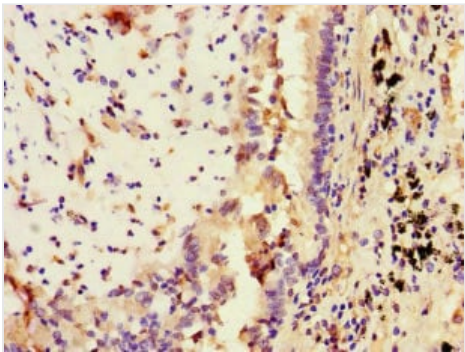
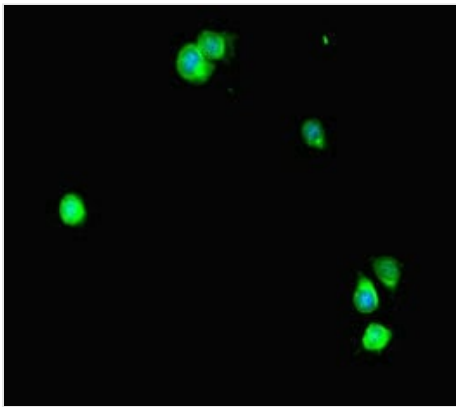
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232359	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

STAT2; Polyclonal Antibody; STAT2 Antibody; Signal transducer and activator of transcription 2; p113; anti-STAT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	851
Applicable Applications for anti-STAT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Signal transducer and activator of transcription 2 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-950 / sc-839 / sc-476 / sc-22816
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



IF (Immunofluorescence)
Immunofluorescent analysis of HeLa cells using AAA232359 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using AAA232359 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-STAT2 antibody	Signal transducer and activator of transcription that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9/ISGF3G to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.
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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
Molecular Weight	97,457 Da
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
UniProt Entry Name	STAT2_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.