antibodies -online.com







anti-STAT2 antibody (AA 650-750)

Images



Overview

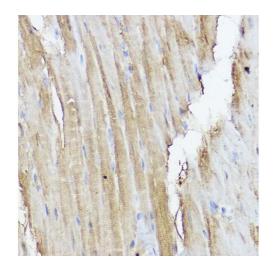
Quantity:	100 μL
Target:	STAT2
Binding Specificity:	AA 650-750
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

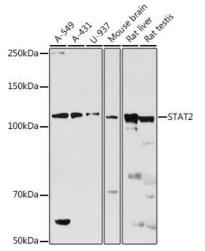
Product Details

Purpose:	STAT2 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 650-750 of human STAT2 (NP_005410.1).
Sequence:	LLTEENIPEN PLRFLYPRIP RDEAFGCYYQ EKVNLQERRK YLKHRLIVVS NRQVDELQQP LELKPEPELE SLELELGLVP EPELSLDLEP LLKAGLDLGP E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)
Background:	The protein encoded by this gene is a member of the STAT protein family. 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. Multiple transcript variants encoding different isoforms have been found for this gene.,STAT2,IMD44,ISGF-3,P113,STAT113,Epigenetics & Nuclear Signaling,Transcription Factors,Signal Transduction,ErbB-HER Signaling Pathway,Immunology & Inflammation,IL-6 Receptor Signaling Pathway,STAT2
Molecular Weight:	97kDa
Gene ID:	6773
UniProt:	P52630
Pathways:	JAK-STAT Signaling, Hepatitis C, CXCR4-mediated Signaling Events
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse heart using ST Rabbit pAb (ABIN7270304) at dilution of 1:50 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using ST antibody (ABIN7270304) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.