

Datasheet for ABIN1531245
anti-STAT2 antibody (pTyr690)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	STAT2
Binding Specificity:	AA 656-705, pTyr690
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human STAT2 around the phosphorylation site of Tyr690.
Isotype:	IgG
Specificity:	STAT2 (Phospho-Tyr690) Antibody detects endogenous levels of STAT2 only when phosphorylated at Tyr690. PhosphorylationH:Y690 R:Y690
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

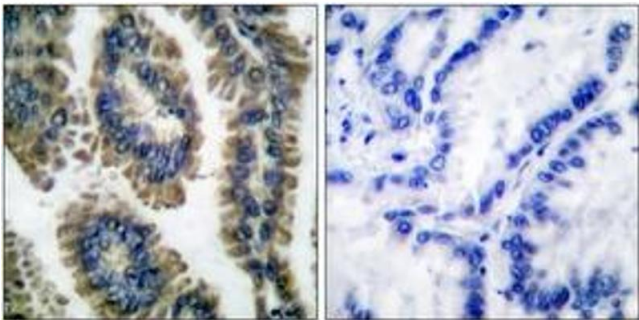
Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)
Background:	Synonyms: signal transducer and activator of transcription 2 NCBI Gene Symbol: STAT2
Molecular Weight:	97 kDa
Gene ID:	6773
OMIM:	600556
UniProt:	P52630
Pathways:	JAK-STAT Signaling , Hepatitis C , CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.530595 (NCBI Gene Symbol: STAT2)
Restrictions:	For Research Use only

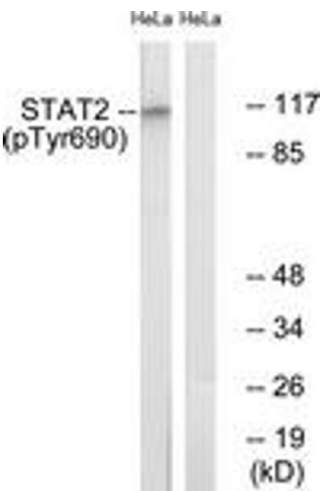
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using STAT2 (Phospho-Tyr690) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HeLa cells treated with IFN 2500U/ml 30', using STAT2 (Phospho-Tyr690) Antibody. The lane on the right is treated with the synthesized peptide.