

Datasheet for ABIN3182150
anti-STAT3 antibody (pTyr705)



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2 Images

Overview

Quantity:	100 µL
Target:	STAT3
Binding Specificity:	pTyr705
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Synthesized peptide derived from human Stat3 around the phosphorylation site of Y705.
Isotype:	IgG
Specificity:	Phospho-Stat3 (Y705) Polyclonal Antibody detects endogenous levels of Stat3 protein only when phosphorylated at Y705.
Characteristics:	Rabbit Polyclonal to Phospho-Stat3 (Y705).
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	STAT3
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Target Details

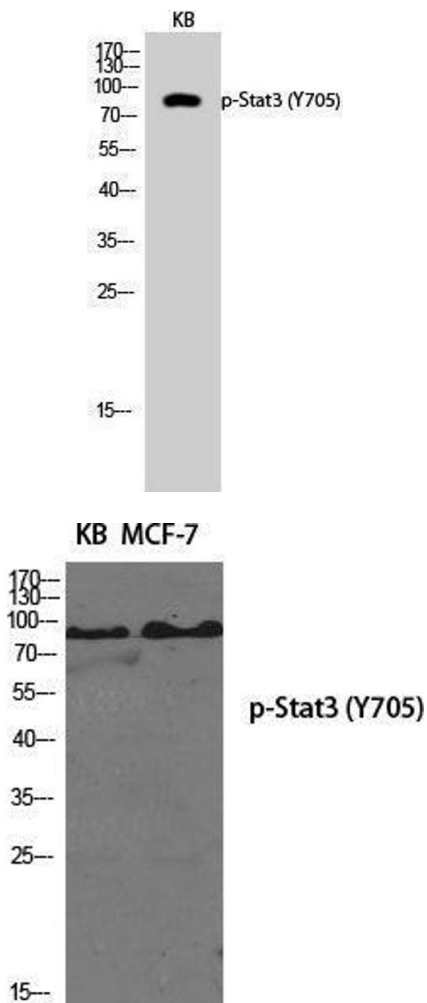
Alternative Name:	Stat3 (STAT3 Products)
Molecular Weight:	88 kDa
Gene ID:	6774
UniProt:	P40763
Pathways:	JAK-STAT Signaling , RTK Signaling , Interferon-gamma Pathway , Neurotrophin Signaling Pathway , Dopaminergic Neurogenesis , Response to Growth Hormone Stimulus , Carbohydrate Homeostasis , Stem Cell Maintenance , Hepatitis C , Protein targeting to Nucleus , Feeding Behaviour , CXCR4-mediated Signaling Events , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:100-1:300, IP 1:200-500, ELISA 1:20000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C.



Western Blotting

Image 1.

Western Blotting

Image 2. Western Blot (WB) analysis of specific cells using Phospho-Stat3 (Y705) Polyclonal Antibody.