

Datasheet for ABIN214867
anti-STAT3 antibody (pTyr705)



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Overview

Quantity:	50 µg
Target:	STAT3
Binding Specificity:	pTyr705
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STAT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Phosphopeptide containing the AP[pY]LK motif of STAT3 (KLH coupled).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG1
Specificity:	Recognizes STAT3 phosphorylated on tyrosine-705 (92kD). Species cross-reactivity: Human and mouse.
Purification:	Purified

Target Details

Target:	STAT3
Alternative Name:	STAT3 (STAT3 Products)

Target Details

Background:	Name/Gene ID: STAT3
	Synonyms: STAT3, Acute-phase response factor, APRF, DNA-binding protein APRF, HIES
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:	Approved: IP (1 - 10 µg/mL), WB (0.1 - 1 µg/mL)
	Usage: Suitable for use in Western Blot and Immunoprecipitation. I1904-06H: IgG, H&L (HRP) (X-Adsorbed) Pab Gt xMo (does not cross-react with rat).
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % sodium azide, 30 % 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.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.