

Datasheet for ABIN198067

anti-STAT3 antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	STAT3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STAT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Gel Shift (GS)

Product Details

Immunogen:	A fusion protein containing the unique carboxy terminal domain of the murine STAT3 protein. Type of Immunogen: Fusion protein
Isotype:	IgG1 kappa
Specificity:	Recognizes mouse STAT3 protein. Does not cross-react with other known STAT isoforms. Species cross-reactivity: Human and rat.
Purification:	Protein A 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: ELISA (0.1 - 1 µg/mL), GS, IP, WB (1 - 2 µg/mL)
	Usage: Suitable for use in ELISA, Western Blot, Immunoprecipitation and Gel Mobility Shift Assay. ELISA: 0.1-1 µg/mL. Western Blot: 1-2 µg/mL. Immunoprecipitation: 5 µg. Gel Mobility Shift Assay: 0.05-1.0 µg. Positive control: Human A431 cells (+/- EGF treatment), WI-38 human fibroblasts, NIH 3T3 cells and 293T cells transfected with a mouse STAT3 expression plasmid. The applications listed have been tested for the unmodified form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4. No preservative added.
Preservative:	Azide free
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C Long term: Add glycerol (40-50%) -20°C.