

Stat1 polyclonal antibody

Catalog # PAB11327 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Stat1.
Immunogen	A synthetic peptide corresponding to C-terminus of mouse Stat1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to mouse Stat1 protein.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:25000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — Stat1

Entrez GeneID	20846
Protein Accession#	NP_033309;P42225
Gene Name	Stat1
Gene Alias	2010005J02Rik, AA408197
Gene Description	signal transducer and activator of transcription 1
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [STAT1 regulates p73-mediated Bax gene expression.](#)

Soond SM, Carroll C, Townsend PA, Sayan E, Melino G, Behrmann I, Knight RA, Latchman DS, Stephanou A.
FEBS Letters 2007 Mar; 581(6):1217.

Application: IF, WB-Tr, Mouse, Neonatal primary cardiomyocyte cells, MEFs

- [Distinct modes of action applied by transcription factors STAT1 and IRF1 to initiate transcription of the IFN-gamma-inducible gbp2 gene.](#)

Ramsauer K, Farlik M, Zupkovitz G, Seiser C, Kroger A, Hauser H, Decker T.
PNAS 2007 Feb; 104(8):2849.

Application: ChIP, WB, Mouse, Mouse fibroblasts

- [Murine norovirus 1 infection is associated with histopathological changes in immunocompetent hosts, but clinical disease is prevented by STAT1-dependent interferon responses.](#)

Mumphrey SM, Changotra H, Moore TN, Heimann-Nichols ER, Wobus CE, Reilly MJ, Moghadamfalahi M, Shukla D, Karst SM.
Journal of Virology 2007 Apr; 81(7):3251.