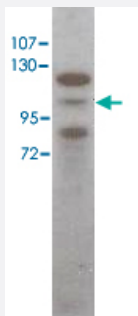


Stat5a polyclonal antibody

Catalog # PAB11328 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot using Stat5a polyclonal antibody (Cat # PAB11328) shows detection of Stat5a protein in HeLa cell extract (arrowhead). Primary antibody was used at a 1 : 600 dilution reacted overnight at 4°C. Secondary antibody was used at 1 : 20,000. Molecular weight estimation was made by comparison to prestained MW markers. Identity of the upper and lower bands is unknown. Personal communication, Luanne Lukes, NCI, Bethesda, MD.

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of Stat5a.

Immunogen A synthetic peptide corresponding to C-terminus of mouse Stat5a.

Host Rabbit

Reactivity Human, Mouse, Rat

Specificity This antibody is specific to mouse Stat5 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 KH₂PO₄, 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 (Cell lysate)

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Personal communication, Luanne Lukes, NCI, Bethesda, MD.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — Stat5a

Entrez GeneID	20850
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Protein Accession#	NP_035618:P42230
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Gene Name	Stat5a
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Gene Alias	AA959963, STAT5
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Gene Description	signal transducer and activator of transcription 5A
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Gene Ontology	Hyperlink
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Other Designations	OTTMUSP00000002045 OTTMUSP00000002046 STAT5a variant delta E18 mammary gland factor STAT5A
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Publication Reference

- [Direct glucocorticoid receptor-Stat5 interaction in hepatocytes controls body size and maturation-related gene expression.](#)

Engblom D, Kornfeld JW, Schwake L, Tronche F, Reimann A, Beug H, Hennighausen L, Moriggl R, Schutz G.

Genes & Development 2007 May; 21(10):1157.

Application: ChIP, WB, Mouse, Liver

- [The modulation of STAT5A/GR complexes during fat cell differentiation and in mature adipocytes.](#)

Baugh JE Jr, Floyd ZE, Stephens JM.

Obesity (Silver Spring, Md.) 2007 Mar; 15(3):583.

Application: IP, WB, Mouse, 3T3-L1 cells

- [Interleukin-2 signaling via STAT5 constrains T helper 17 cell generation.](#)

Laurence A, Tato CM, Davidson TS, Kanno Y, Chen Z, Yao Z, Blank RB, Meylan F, Siegel R, Hennighausen L, Shevach EM, O'shea JJ.

Immunity 2007 Mar; 26(3):371.