STAT5A/B (Phospho-Ser725/730) Antibody

Catalog No: #11977

Package Size: #11977-1 50ul #11977-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

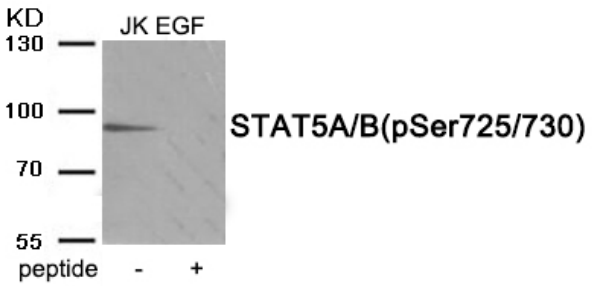
Description

Product Name	STAT5A/B (Phospho-Ser725/730) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of STAT5A/B only when phosphorylated at serine 725/ serine 730.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine725/730(A-P-S(p)-P-V) derived from Human STAT5A/B.
Target Name	STAT5A/B
Modification	Phospho
Other Names	Signal transducer and activator of transcription 5B; STA5B; STAT5; transcription factor STAT5B;
Accession No.	Swiss-Prot#: P42230/P42232; NCBI Gene#: 20850/20851; NCBI Protein#: NP_001275647.1/NP_036580.2
Uniprot	P42230
GeneID	20850;
SDS-PAGE MW	90kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

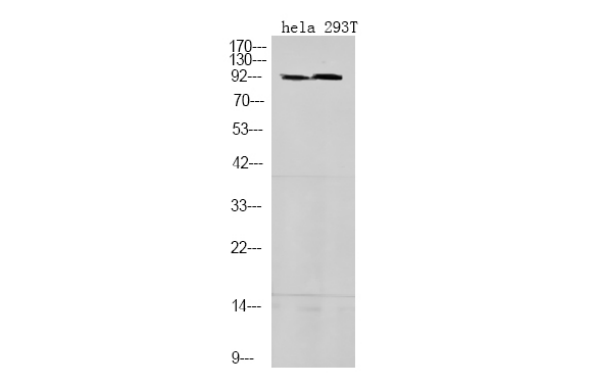
Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from Jurkat cells treated with EGF using Phospho-STAT5A/B (Ser725/730) antibody #11977.The lane on the right is treated with the antigen-specific peptide.



Western Blot analysis of lysates of Hela and 293T cell, using primary antibody at 1:1000 dilution.

Background

Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.

Ross JA, et al. (2010) J Biol Chem 285, 3582-91

Uddin S, et al. (2003) Biochem Biophys Res Commun 308, 325-30

Xue HH, et al. (2002) Int Immunol 14, 1263-71

Note: This product is for in vitro research use only