

AB-PK969

JNK1-pT183 Antibody

Phosphosite-specific rabbit polyclonal antibody for JNK1 MAP kinase.



KINEXUS

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Target Protein

Protein Name Long:	Jun N-terminus protein-serine kinase (stress-activated protein kinase (SAPK)) 1
Protein Alias:	c-Jun N-terminal kinase 1; JNK; JNK1A2; JNK1-alpha-2; JNK-46; JNK21B1/2; JUN N-terminal kinase; Kinase JNK1; MAPK8; MK08; PRKM8; SAPK1; SAPK1c; Stress-activated protein kinase JNK1; CCDS7225.1; ENSG00000107643
UniProt ID:	P45983
Protein Molecular Mass:	48,296 Da (427 AA; P45983); 48,088 Da (427 AA; P45983-4); 44,229 Da (384 AA; P45983-2); 44,022 Da (384 AA; P45983-3); 35,333 Da (308 AA; P45983-5)

Immunogen

Antibody Immunogen Source:	Synthetic phosphopeptide patterned after human JNK1
Antibody Immunogen Sequence:	SFMM(pT)P(bA)C
Antibody Immunogen Description:	Corresponds to amino acid residues S179 to P184
Antibody Target Type:	Phosphosite-specific

Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Isotype:	IgG
Production Method:	The immunizing peptide was produced by solid phase synthesis on a multipепptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-coupled immunizing peptide every 4 weeks for 4 months. The sera from these animals was applied onto an agarose column to which the immunogen peptide was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris.
Amount:	25 µg
Antibody Concentration:	0.25 mg/ml
Storage Buffer:	Phosphate buffered saline pH 7.4, 0.05% Thimerasol
Storage Conditions:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.
Storage Stability:	>2 years

Applications

Product Use:	Western blotting Antibody microarray
Antibody Dilution Recommended:	2 µg/ml for immunoblotting
Antibody Species Reactivity:	Human Rhesus Macaque Dog Rat Mouse Platypus Frog

This product is for *in vitro* research use only and is not intended for use in humans or animals.

For more information on our products please visit <https://kinexus-ca.myshopify.com/> or contact us at 1-866-546-3987