

JAK2 Antibody | anti-JAK2 antibody

JAK2 (Phospho-Tyr221) Antibody

CATALOG # AAA111625	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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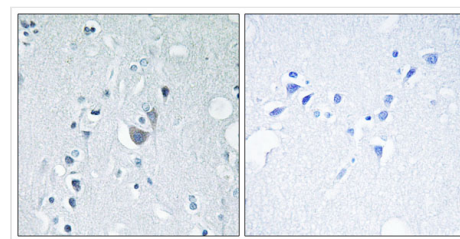
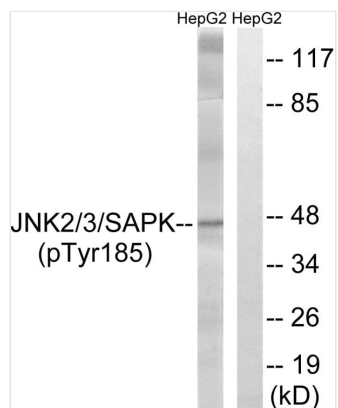
PRODUCT SYNONYMS

JAK2; JAK2 (Phospho-Tyr221) Antibody; c-Jun N-terminal kinase 1; EC 2.7.11.24; JNK-46; JNK1-alpha-2; kinase JNK1; MAPK8; Mitogen-activated protein kinase 8; MKO8; p54 gamma; PRKM8; SAPK gamma; Stress-activated protein kinase JNK1; anti-JAK2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	SAPK/JNK (Phospho-Tyr185) antibody detects endogenous levels of SAPK/JNK only when phosphorylated at tyrosine 185.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	427
Applicable Applications for anti-JAK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human SAPK/JNK around the phosphorylation site of tyrosine 185 (T-P-YP-V-V).
All Sites	Human: Tyr185 Mouse: Tyr185 Rat: Tyr185
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using SAPK/JNK (Phospho-Tyr185) antibody. Western blot analysis of extracts from HepG2 cells, treated with nocodazole (1ug/ml, 16hours), using SAPK/JNK (Phospho-Tyr185) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-JAK2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Derijard B., Cell 76:1025-1037(1994). Gupta S., EMBO J. 15:2760-2770(1996). Derijard B., Science 267:682-685(1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	513788279
NCBI GeneID	5599
NCBI Accession #	NP_001265476.1
NCBI GenBank Nucleotide #	NM_001278547.1
UniProt Accession #	P45983; Q15709; Q15712; Q15713; Q308M2; B5BTZ5; B7ZLV4; D3DX88; D3DX92
Molecular Weight	35,333 Da
NCBI Official Full Name	mitogen-activated protein kinase 8 isoform beta2
NCBI Official Synonym Full Names	mitogen-activated protein kinase 8
NCBI Official Symbol	MAPK8
NCBI Official Synonym Symbols	JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2
NCBI Protein Information	mitogen-activated protein kinase 8
UniProt Protein Name	Mitogen-activated protein kinase 8
UniProt Gene Name	MAPK8
UniProt Synonym Gene Names	JNK1; PRKM8; SAPK1; SAPK1C; MAP kinase 8; MAPK 8; SAPK1c

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.