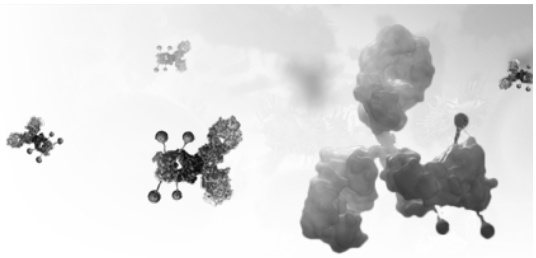

Rabbit Anti-JNK2 monoclonal antibody, clone TD16-96 (CABT-L688)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	JNK2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TD16-96
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC, IHC, IP, FC
Molecular Weight	46/54 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	SHG-44, MCF-7, Hela, mouse brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	c-Jun N-terminal kinases (JNKs) phosphorylate and augment transcriptional activity of c-Jun. JNKs originate from three genes that yield 10 isoforms through alternative mRNA splicing, including JNK1α1, JNK1β1, JNK2α1, JNK2β1, and JNK3α1, which represent the p46 isoforms, and JNK1α2, JNK1β2, JNK2α2, JNK2β2, and JNK3β2, which represent the p54 isoforms.JNKs coordinate cell responses to stress and influence regulation of cell growth and transformation. The human JNK1 (PRKM8, SAPK1, MAPK8) gene maps to chromosome 10q11.22 and shares 83% amino acid identity with JNK2. JNK1 is necessary for normal activation and differentiation of CD4 helper T (TH) cells into TH1 and TH2 effector cells. Capsaicin activates JNK1 and p38 in ras-transformed human breast epithelial cells. Nitrogen oxides (NOx) upregulate JNK1 in addition to c-Fos, c-Jun, and other signaling kinases, including MEKK1 and p38.
Keywords	c Jun kinase 2;C Jun N terminal kinase 2;c-Jun N-terminal kinase 2;JNK 55;JNK-55;JNK2 alpha;JNK2;JNK2 beta;JNK2A;JNK2alpha;JNK2B;JNK2BETA;Jun kinase;MAP kinase 9;MAPK 9;Mapk9;Mitogen activated protein kinase 9;Mitogen-activated protein kinase 9;MK09_HUMAN;P54a;p54aSAPK;PRKM9;Protein kinase, mitogen-activated, 9;SAPK alpha;SAPK;SAPK1a;Stress activated protein kinase 1a;Stress-activated protein kinase JNK2 antibody

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