



JIP4 Polyclonal Antibody

Catalog No	BYab-22672
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SPAG9 HSS KIAA0516 MAPK8IP4 SYD1 HLC6
Protein Name	C-Jun-amino-terminal kinase-interacting protein 4 (JIP-4) (JNK-interacting protein 4) (Cancer/testis antigen 89) (CT89) (Human lung cancer oncogene 6 protein) (HLC-6) (JNK-associated leucine-zipper pr
Immunogen	Synthesized peptide derived from human protein . at AA range: 590-670
Specificity	JIP4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	145kD
Cell Pathway	Cytoplasm . Cytoplasm, perinuclear region . Lysosome membrane . Perinuclear distribution in response to stress signals such as UV radiation. .; [Isoform 5]: Cytoplasmic vesicle, secretory vesicle, acrosome . Associated with the plasma membrane of the acrosomal compartment and also localizes in the acrosome matrix. .
Tissue Specificity	Expressed only in testis on the round spermatids of stage I, II and II. Absent in spermatogonia and spermatocyte. .; [Isoform 4]: Expressed in testis and in acute myeloid leukemia (AML) patients. .; [Isoform 3]: Expressed in testis.
Function	function:The JNK-interacting protein (JIP) group of scaffold proteins selectively mediates JNK signaling by aggregating specific components of the MAPK cascade to form a functional JNK signaling module. Isoform 5 may play a role in spermatozoa-egg-interaction.;induction:Isoform 3 is increased in systemic sclerosis fibroblasts.;PTM:Phosphorylated by MAPK8 and MAPK14 (By similarity). Phosphorylated upon DNA damage, probably by ATM or

Nanjing BYabscience technology Co.,Ltd



ATR.,similarity:Belongs to the JIP scaffold family.,subcellular location:Associated with the plasma membrane of the acrosomal compartment and also localizes in the acrosome matrix.,subcellular location:Perinuclear distribution in response to stress signals such as UV radiation.,subunit:Homo-oligomer. Interacts with MAX, MAPK8, MAPK9, MAPK10, MAPK14, MAP3K3, MYC, KNS2 and MAP2K4. Interaction with KNS2 is important in the formation of ternary complex with MAPK8.

Background

This gene encodes a member of the cancer testis antigen gene family. The encoded protein functions as a scaffold protein that structurally organizes mitogen-activated protein kinases and mediates c-Jun-terminal kinase signaling. This protein also binds to kinesin-1 and may be involved in microtubule-based membrane transport. This protein may play a role in tumor growth and development. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658