

[Go to Product page](#)

Datasheet for ABIN1714030
anti-SPAG9 antibody (AA 101-188)

Overview

Quantity:	100 µL
Target:	SPAG9
Binding Specificity:	AA 101-188
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG9 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human JLP/JIP-4
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Sheep,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	SPAG9
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Target Details

Alternative Name:	JLP/JIP-4 (SPAG9 Products)
Background:	<p>Synonyms: C jun amino terminal kinase interacting protein 4, c Jun NH2 terminal kinase associated leucine zipper protein, FLJ13450, FLJ14006, FLJ34602, HLC 4, HLC 4 protein, HLC 6, HLC4, HLC4 protein, HLC6, HSS, Human lung cancer protein 6, Human lung cancer protein 6, JIP 4, JIP 4, JIP4, JNK associated leucine zipper protein 1, JNK associated leucine zipper protein, JNK interacting protein 4, JNK interacting protein 4, JNK interacting protein, JNK/SAPK associated protein, KIAA0516, Lung cancer oncogene 4, MAPK8IP4, Max binding protein, MGC117291, MGC14967, MGC74461, Mitogen activated protein kinase 8 interacting protein 4, Mitogen activated protein kinase 8 interacting protein 4, PHET, PIG 6, PIG6, proliferation inducing gene 6, Protein highly expressed in testis, SPAG 9, SPAG9, Sperm associated antigen 9, Sperm specic protein, Sperm surface protein, Sunday driver drosophila homolog, Sunday driver 1, SYD1, JIP4_HUMAN.</p> <p>Background: JIP-4 is a 1,321 amino acid protein encoded by the human gene SPAG9. It contains a large N-terminal extracellular domain, a short transmembrane helical domain, and a cytoplasmic domain. There are 6 N-glycosylation sites, several phosphorylation sites for cAMP/cGMP-dependent protein kinase, protein kinase C, and casein kinase II, and 10 putative myristoylation sites. There is also a leucine zipper motif, with 6 leucine repeats, that may aid in dimerization since there is no upstream basic domain characteristic of DNA binding proteins. 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. JIP-4 is a cytoplasmic, perinuclear protein that has eight known isoforms whose expression varies by tissue and disease state.</p>
Gene ID:	9043
UniProt:	O60271
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months