

Anti-JIP4 Antibody

Rabbit polyclonal antibody to JIP4
Catalog # AP59944

Product Information

Application	WB
Primary Accession	O60271
Other Accession	Q58A65
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	146205

Additional Information

Gene ID	9043
Other Names	HSS; KIAA0516; MAPK8IP4; SYD1; 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 protein; JLP; Mitogen-activated protein kinase 8-interacting protein 4; Proliferation-inducing protein 6; Protein highly expressed in testis; PHET; Sperm surface protein; Sperm-associated antigen 9; Sperm-specific protein; Sunday driver 1
Target/Specificity	Recognizes endogenous levels of JIP4 protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

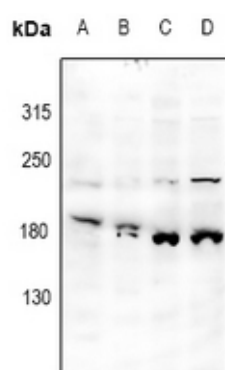
Name	SPAG9 (HGNC:14524)
Function	<p>The JNK-interacting protein (JIP) group of scaffold proteins selectively mediates JNK signaling by aggregating specific components of the MAPK cascade to form a functional JNK signaling module (PubMed:14743216). Regulates lysosomal positioning by acting as an adapter protein which links PIP4P1-positive lysosomes to the dynein- dynactin complex (PubMed:29146937). Assists PIKFYVE selective functionality in microtubule-based endosome-to-TGN trafficking (By similarity).</p> <p>Cytoplasm {ECO:0000250 UniProtKB:Q58A65}. Cytoplasm, perinuclear region</p>

Cellular Location	{ECO:0000250 UniProtKB:Q58A65}. Lysosome membrane. Note=Perinuclear distribution in response to stress signals such as UV radiation {ECO:0000250 UniProtKB:Q58A65}
Tissue Location	Expressed only in testis on the round spermatids of stage I, II and II. Absent in spermatogonia and spermatocyte [Isoform 3]: Expressed in testis.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human JIP4. The exact sequence is proprietary.

Images



Western blot analysis of JIP4 expression in AML12 (A), U87MG (B), EC9706 (C), SGC7901 (D) whole cell lysates.

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