

**JLP/MAX binding protein Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54804****Specification****JLP/MAX binding protein Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O60271</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	146205

**JLP/MAX binding protein Polyclonal Antibody - Additional Information****Gene ID** 9043**Other Names**

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, SPAG9 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=14524](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=14524))  
HGNC:14524

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**JLP/MAX binding protein Polyclonal Antibody - Protein Information****Name** SPAG9 ([HGNC:14524](#))**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 (PubMed: [14743216](http://www.uniprot.org/citations/14743216)). Regulates lysosomal positioning by acting as an adapter protein which links PIP4P1-positive lysosomes to the dynein- dynactin complex (PubMed: [29146937](http://www.uniprot.org/citations/29146937)). Assists PIKFYVE selective functionality in microtubule-based endosome-to-TGN trafficking (By similarity).

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q58A65}. Cytoplasm, perinuclear region

{ECO:0000250|UniProtKB:Q58A65}. Lysosome membrane. Note=Perinuclear distribution in response to stress signals such as UV radiation {ECO:0000250|UniProtKB:Q58A65}

#### **Tissue Location**

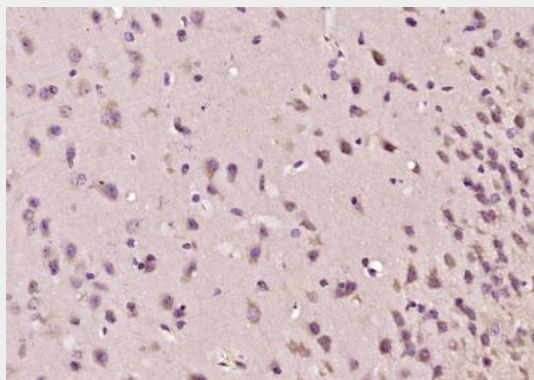
Expressed only in testis on the round spermatids of stage I, II and III. Absent in spermatogonia and spermatocyte [Isoform 3]: Expressed in testis.

#### **JLP/MAX binding protein Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **JLP/MAX binding protein Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (JLP MAX binding protein) Polyclonal Antibody, Unconjugated (bs-12270R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.