

## SPAG9 polyclonal antibody

Catalog: BS60271

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

JIP-4 (C-jun-amino-terminal kinase-interacting protein 4, Mitogen-activated protein kinase 8-interacting protein 4, Sunday driver 1) 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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 146 kDa

### Swiss-Prot:

O60271

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

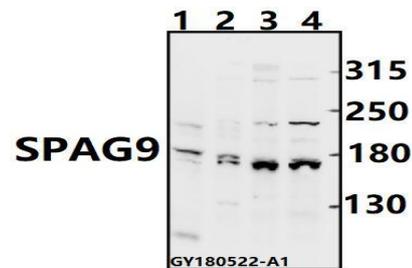
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

SPAG9 polyclonal antibody detects endogenous levels of SPAG9 protein.

### DATA:



Western blot (WB) analysis of SPAG9 pAb at 1:500 dilution

Lane1: AML-12 whole cell lysate(40ug)

Lane2: U-87MG whole cell lysate(40ug)

Lane3: EC9706 whole cell lysate(40ug)

Lane4: SGC7901 whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.

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