

Goat anti-JIP3 / Syd2 / JSAP1 Antibody

Item Number	dAP-0203
Target Molecule	Principle Name: JIP3 / Syd2 / JSAP1; Official Symbol: MAPK8IP3; All Names and Symbols: MAPK8IP3; mitogen-activated protein kinase 8 interacting protein 3; JIP3; SYD2; JSAP1; FLJ00027; KIAA1066; JNK-interacting protein 3; JNK/SAPK-associated protein-1; similar to sperm specific protein; homolog of <i>Drosophila</i> Sunday driver 2; JNK/stress-activ; Accession Number (s): NP_055948.2; NP_001035529.1; Human Gene ID(s): 23162; Non-Human GenelD(s): 30957 (mouse)
Immunogen	MEIQMDEGGVV, is from N Terminus This antibody is expected to recognise both reported Human isoforms of this protein (as represented by NP_055948.2 and NP_001035529.1).
Applications	Pep ELISA, IHC Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: No signal obtained yet but low background observed in Human Heart lysate at up to 2µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	Immunohistochemistry: In paraffin embedded Mouse Brain shows axonal staining in various regions. Recommended concentration, 4-6µg/ml.
Reference	Reference(s): Kelkar N, Gupta S, Dickens M, Davis RJ. Interaction of a mitogen-activated protein kinase signaling module with the neuronal protein JIP3. <i>Mol Cell Biol</i> . 2000 Feb;20(3):1030-43.. PMID: 10629060 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**