

Product datasheet for 75-163

Mapk8ip2 Mouse Monoclonal Antibody [Clone ID: N135/37]

Product data:

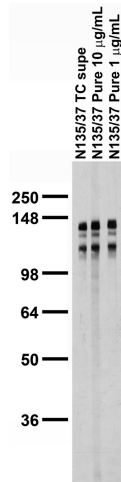
Product Type:	Primary Antibodies
Clone Name:	N135/37
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 226-421 of mouse JIP-2/IB-2 (also known as C-junamino-terminal kinase-interacting protein 2, JNK-interacting protein 2, JNK MAP kinase scaffold protein 2, Islet-brain-2 and Mitogen-activated protein kinase 8-interacting protein 2, accession number Q9ERE9). Rat: 94% identity (127/135 amino acids identical) Human: 86% identity (173/200 amino acids identical) >50% identity with JIP-1
Specificity:	Does not cross-react with JIP-1/IB-1
Formulation:	State: Purified
Gene Name:	mitogen-activated protein kinase 8 interacting protein 2
Database Link:	Entrez Gene 60597 Mouse
Synonyms:	JNK-interacting protein 2, MAPK8IP2, IB2, JIP2, PRKM8IPL, JIP2, Islet-brain-2



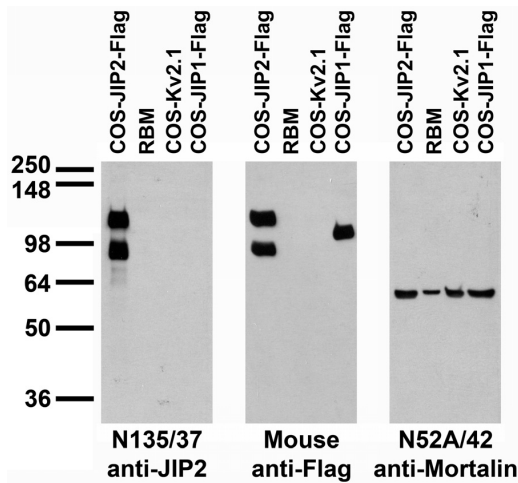
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Note: USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB_2120479) to avoid ambiguity. [View Research License Agreement](#)

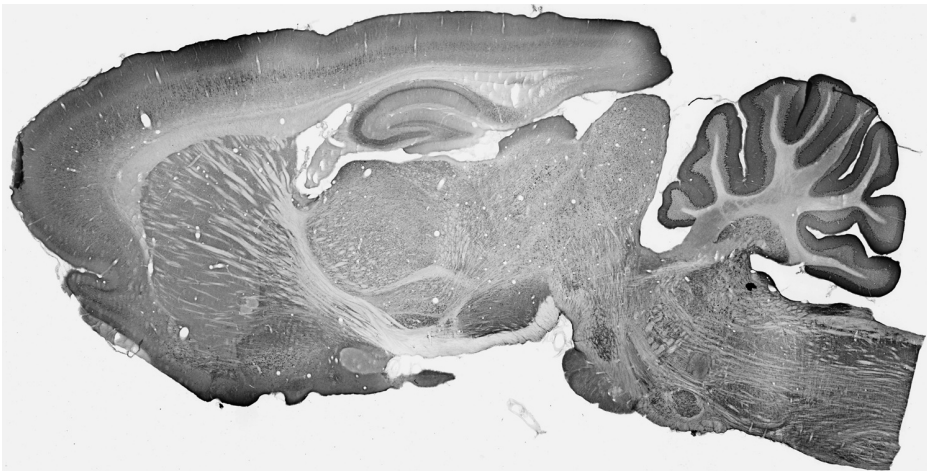
Product images:



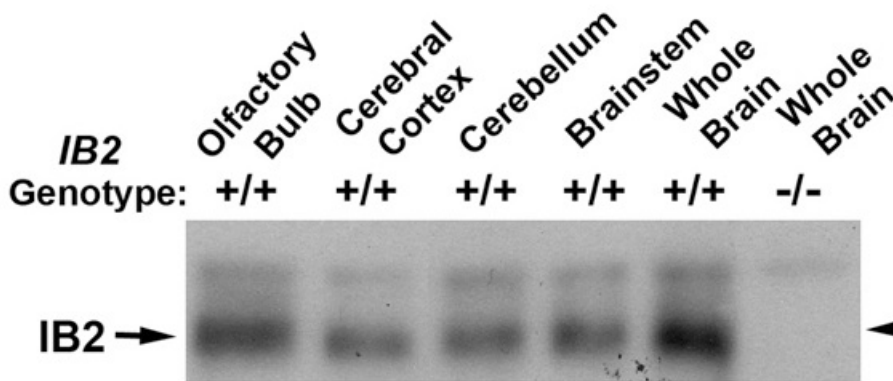
Adult rat brain membrane immunoblot



Tissue and transfected cell immunoblot: extracts of adult rat brain membrane RBM and COS cells transiently transfected with Flag-tagged JIP-1, JIP-2 or untagged Kv2.1 plasmid and probed with N135/37 (left), mouse anti-Flag (middle) and N52A/42 (right).



Adult rat brain immunohistochemistry



Immunoblot versus extracts from various WT (+/+) and IB2 KO (-/-) mouse brain regions probed with N135/37. Data courtesy of Mitchell Goldfarb (Hunter College) and reproduced with permission from the Journal of Neuroscience (2010 Giza et al, PMID 21048139).