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Product datasheet for 75-355

Map3k12 Mouse Monoclonal Antibody [Clone ID: N377/20]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N377/20
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 727-888 (C-terminus) of mouse MAP3K12 (also known as Mitogen-activated protein kinase kinase kinase 12, Dual leucine zipper bearing kinase, Leucine-zipper protein kinase, MAPK-upstream kinase, Mixed lineage kinase, DLK, ZPK and MUK, accession number Q60700). Rat: 97% identity (158/162 amino acids identical) Human: 86% identity (143/166 amino acids identical) <40% identity with MAP3K13
Specificity:	Does not cross-react with MAP3K13
Formulation:	State: Purified
Gene Name:	mitogen-activated protein kinase kinase kinase 12
Database Link:	Entrez Gene 26404 Mouse
Synonyms:	Mixed lineage kinase, MAPK-upstream kinase

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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.
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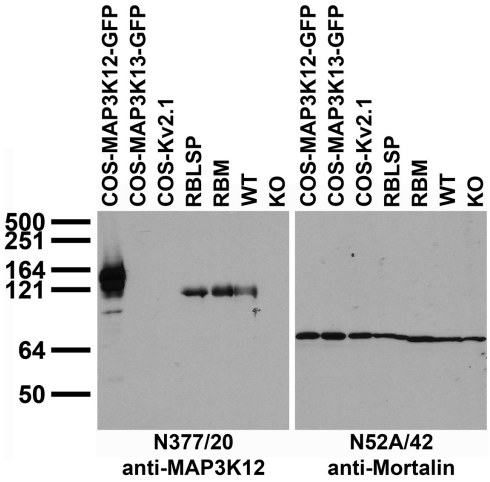
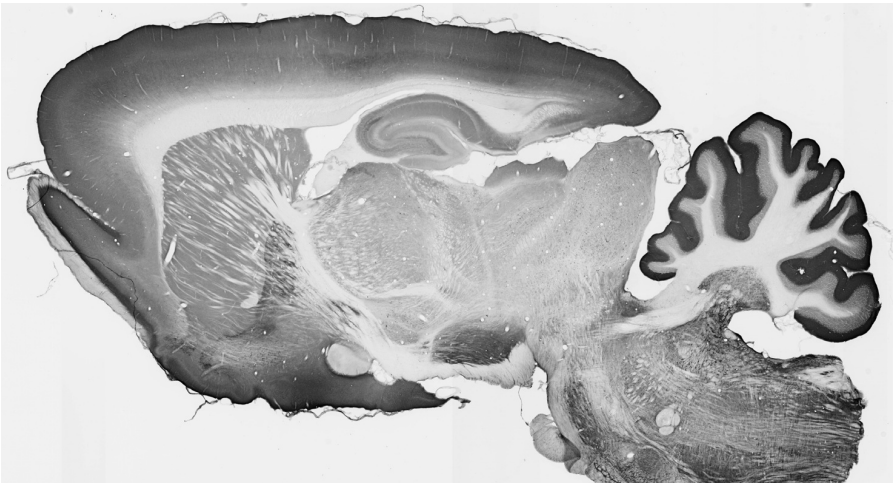
Product images:



Immunoblot against extracts of COS cells transiently transfected with GFP-tagged MAP3K12, MAP3K13 or untagged Kv2.1 plasmid; adult rat brain low-speed pellet (RBLSP) or membrane (RBM) fractions; and membranes from MAP3K12 wild-type (WT) and genetrap knockout (KO) mice probed with N377/20 (left) or N52A/42 (right) TC supe. Mouse brains courtesy of Aki Itoh and Takayuki Itoh (UC Davis).



Adult rat brain immunohistochemistry