

## Product datasheet for 75-114

### Trpm7 Mouse Monoclonal Antibody [Clone ID: N74/25]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	N74/25
Applications:	IF, IP, WB
Recommend Dilution:	<b>Immunoblot (IB).</b> <b>Immunocytochemistry (ICC).</b> <b>Immunoprecipitation (IP).</b>
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1817-1863 (cytoplasmic C-terminus) of mouse TrpM7 (also known as transient receptor potential cation channel subfamily M member 7, long transient receptor potential channel 7, LTrpC7, channel-kinase 1 and TRP-PLIK, accession number Q923J1). Rat: 97% identity (46/47 amino acids identical). Human: 93% identity (44/47 amino acids identical) <30% identity with TrpM6
Specificity:	No cross-reactivity with TrpM6
Formulation:	State: Purified
Gene Name:	transient receptor potential cation channel, subfamily M, member 7
Database Link:	<a href="#">Entrez Gene 58800 Mouse</a>
Synonyms:	CHAK1, LTRPC7



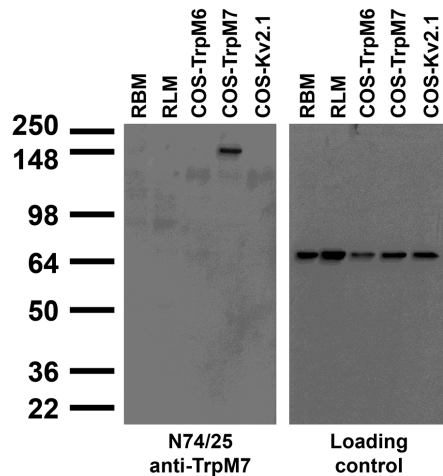
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**Note:** USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody \_ was developed by and/or obtained from 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 adult rat brain membrane (RBM), rat liver membrane (RLM) and extracts of COS cells transiently transfected with TrpM6, TrpM7 or Kv2.1 plasmid probed with N74/25 (left) or a loading control (right) TC supe.