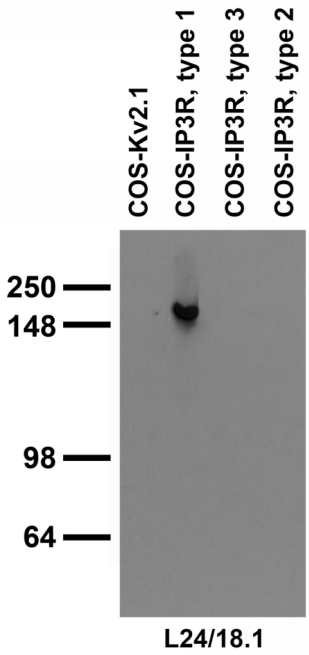
UC Davis/NIH NeuroMab Facility
Department of Physiology and Membrane Biology, UC Davis, Davis CA 95616
http://neuromab.ucdavis.edu neuromab@ucdavis.edu

Anti IP3 receptor type 1 NeuroMab clone L24/18

Available as TC supe (RRID:AB_10672249) and Pure IgG (RRID:AB_10000362)



Immunogen:
Fusion protein amino acids 2680-2749 (cytoplasmic carboxyl terminus) of rat type 1 IP3R accession number P29994)
Human: 100% identity (70/70 amino acids)
Mouse: 100% identity (70/70 amino acids)
Rat type 2 IP3R: 66% identity (46/70 amino acids)
Rat type 3 IP3R: 56% identity (39/70 amino acids)

Monoclonal antibody info:
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG1

NeuroMab Applications:
Immunoblotting, Immunohistochemistry and Immunoprecipitation
Species Reactivity: human, mouse, rat
Does not recognize type 2 and type 3 IP3R's
MW: 300 kDa (varies due to glycosylation)

Images
Top. Left: extracts of COS-1 cells transfected with plasmids for Kv2.1 and type 1, 2 and 3 IP3 receptors and probed with L24/18 TC supe. Right: adult rat brain membrane immunoblot

Middle: Immunoblots on brain membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)].

Bottom: adult rat cerebellar (left) and hippocampal (right) immunohistochemistry