



Anti IP3 receptor type 1 NeuroMab clone L24/18

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

