

RIM 2

Cat.No. 140 103; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 100 up to 1 : 1000 (AP staining) IP: not tested yet ICC: 1 : 200 up to 1 : 500 IHC: 1 : 1000 IHC-P/FFPE: 1 : 500
Immunogen	Recombinant protein corresponding to AA 461 to 987 from rat Rim2 (UniProt Id: Q9JIS1)
Reactivity	Reacts with: rat (Q9JIS1), mouse (Q9EQZ7), hamster, chicken, zebrafish. Other species not tested yet.
Specificity	RIM 2 including splice variants, weak cross reactivity to RIM 1.
Remarks	This antibody works with paraformaldehyde and methanol fixation.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

RIMs are presynaptic active zone proteins that regulate Ca²⁺ triggered release of neurotransmitters. RIM 1α and RIM 2α are composed of an N-terminal zinc-finger domain, a central PDZ domain and two C-terminal C2 domains that are separated by long alternatively spliced sequences. RIM 2β consists of a specific N-terminus, the central PDZ domain and the C-terminal C2 domains. The mRNA for RIM 2β is transcribed from an internal promoter of the RIM 2α gene. Shorter variants of RIM 2 which comprise only the C-terminal C₂B domain and some flanking regions are referred to as NIM 2 / RIM 2γ and NIM 3 / RIM 3γ.

Selected References SYSY Antibodies

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