

Anti-Prokineticin Receptor 1 (extracellular)

(PKR1; G-protein coupled receptor 73; PROKR1)

Product #: APR-041

Host: Rabbit.

Type: Polyclonal.

Epitope: Peptide (C)ENTNTFTDFFSARD corresponding to amino acid residues 10-24 of rat Prokineticin receptor 1 (Accession [Q8R416](#)).

Putative epitope location: Extracellular, N-terminus.

Homology with other species: Mouse -12 out of 15 residues identical. Unlikely to recognize human samples.

Reactivity Confirmed: Rat, mouse.

Identity of the peptide: Confirmed by amino acid analysis.

Purity: Affinity purified on immobilized antigen.

Sample Sizes: 50 μ l or 0.2 ml after reconstitution of the lyophilized powder.

Storage before Reconstitution: Lyophilized powder can be stored intact at room temperature for several weeks. For longer periods, it should be stored at -20°C.

Reconstitution: 50 μ l or 0.2 ml deionized water, depending on the sample size.

Antibody Concentration after Reconstitution: 0.8 mg/ml.

Buffer after Reconstitution: phosphate buffered saline (PBS), pH 7.4, 1% BSA, 0.025% NaN₃.

Storage after Reconstitution: The reconstituted solution can be stored at 4°C for up to 2 weeks. For longer periods, small aliquots should be stored at -20°C or below. Avoid multiple freezing and thawing. The further dilutions should be made using a carrier protein such as BSA (1%). Centrifuge **all** antibody preparations before use (10000 \times g 5 min).

Control Antigen Included.

Control Antigen Storage before Reconstitution: Lyophilized powder can be stored intact at room temperature for several weeks. For longer periods, it should be stored at -20°C.

Control Antigen Reconstitution: 100 μ l water.

Control Antigen Storage after Reconstitution: -20°C.

PreadSORption Control: 1 μ g peptide per 1 μ g antibody.

Standard Quality Control of Each Lot: Western blotting.

Applications:

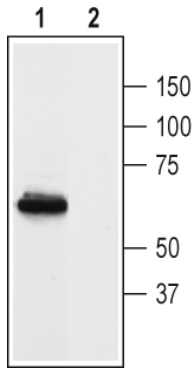
Western Blotting: Rat and mouse brain samples (1:200).

Indirect Flow Cytometry: WEHI-231 (mouse B cell lymphoma) cell lines (1:20).

Immunohistochemistry: Perfusion fixed, frozen sections of rat dorsal root ganglion (DRG) (1:100) and mouse brain sections (1:100).

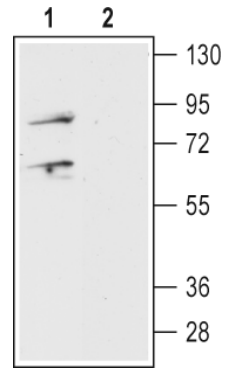
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Last Update: May 27, 2009.



Western blot analysis of rat brain membranes:

1. **Anti-Prokineticin Receptor 1 (extracellular)** antibody (#APR-041), 1:200.
2. Anti-Prokineticin Receptor 1 (extracellular) antibody, preincubated with the control peptide antigen.



Western blot analysis of mouse brain lysate:

1. **Anti-Prokineticin Receptor 1 (extracellular)** antibody (#APR-041), 1:200.
2. Anti-Prokineticin Receptor 1 (extracellular) antibody, preincubated with the control peptide antigen.

FACS analysis of Prokineticin Receptor 1 expression in live intact WEHI-231 (mouse B cell lymphoma) cell lines.

