

## Anti-Prokineticin Receptor 1 (extracellular)

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

**Product #:** APR-041  
**Current Lot #:** AN-01  
**Host:** Rabbit.  
**Type:** Polyclonal.

**Epitope:** Peptide (C)ENTTNTFTDFFSARD 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  $\mu$ 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  $\mu$ 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% NaN<sub>3</sub>.

**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  $\mu$ l water.

**Control Antigen Storage after Reconstitution:** -20 °C.

**Preadsorption Control:** 1  $\mu$ g peptide per 1  $\mu$ g antibody.

**Standard Quality Control of Each Lot:** Western blotting.

**Applications:**

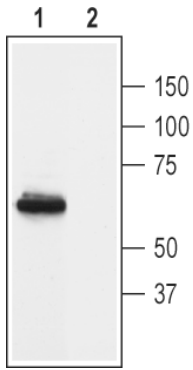
**Western Blotting:** Rat and mouse brain samples (1:200).

**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).

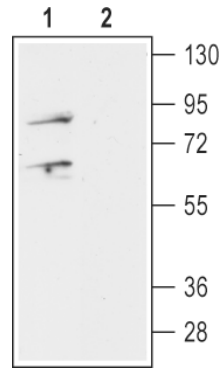
**For research purposes only, not for human use.**

**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.

