



[Go to Product page](#)

Datasheet for ABIN7043561

anti-Prokineticin Receptor 2 antibody (Extracellular, N-Term)

2 Images

Overview

Quantity:	50 µL
Target:	Prokineticin Receptor 2 (PROKR2)
Binding Specificity:	AA 3-15, Extracellular, N-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prokineticin Receptor 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)DQNGNTSFAPDLN, corresponding to amino acid residues 3-15 of rat PROKR2
Isotype:	IgG
Characteristics:	Anti-Prokineticin Receptor 2 (extracellular) Antibody is directed against an epitope located at the extracellular N-terminal domain of the rat Prokineticin receptor 2. The epitope is specific for PROKR2 and will not cross-react with the closely related PROKR1. Anti-Prokineticin Receptor 2 (extracellular) Antibody (ABIN7043561 and ABIN7045111)) can be used in western blot and immunohistochemical applications. It has been designed to recognize PROKR2 from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

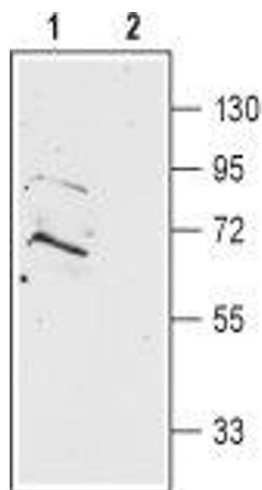
Target:	Prokineticin Receptor 2 (PROKR2)
Alternative Name:	Prokineticin Receptor 2 (PROKR2 Products)
Background:	Alternative names: Prokineticin Receptor 2, PROKR2, PKR2, G-protein coupled receptor 73-like 1, Gpr73l1, Gpr73b, G-protein coupled receptor I5E
Gene ID:	192649
NCBI Accession:	NM_144773
UniProt:	Q8R415
Pathways:	Hedgehog Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

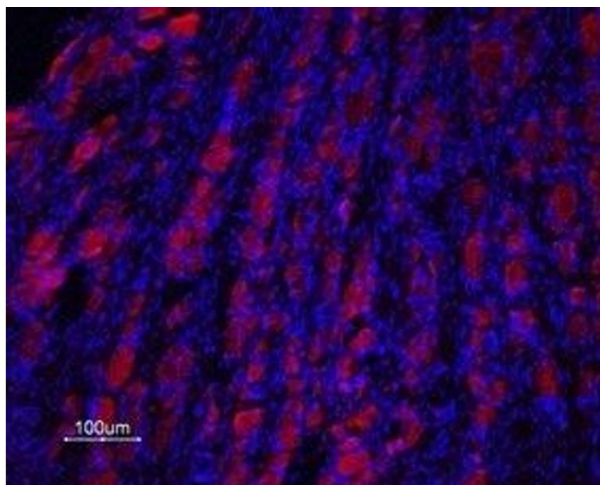
Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Western Blotting

Image 1. Western blot analysis of rat brain membranes: -
 1. Anti-Prokineticin Receptor 2 (extracellular) Antibody (ABIN7043561 and ABIN7045111), (1:200).
 2. Anti-Prokineticin Receptor 2 (extracellular) Antibody, preincubated with Prokineticin Receptor 2 (extracellular) Blocking Peptide (#BLP-PR042).



Immunohistochemistry

Image 2. Expression of Prokineticin receptor 2 in rat DRG -
 Immunohistochemical staining of rat dorsal root ganglion (DRG) frozen sections using Anti-Prokineticin Receptor 2 (extracellular) Antibody (ABIN7043561 and ABIN7045111), (1:100), followed by goat anti-rabbit-AlexaFluor-594 secondary antibody (red). Staining is present in small, medium and large DRG neurons. Hoechst 33342 is used as the counterstain (blue).