

MRGPRX2 Polyclonal Antibody

Catalog Number OSR00110W

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	1:200-1:2,000
Type	Antibody	Western Blot (WB)	1:200-1:2,000
Immunogen	A synthetic peptide from the 4th cytoplasmic loop of human MRGPRX2 conjugated to blue carrier protein was used as the antigen.		
Conjugate	Unconjugated		
Form	Lyophilized		
Concentration	Conc. Not Determined		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Glycerol (1:1) may be added for added stability.		

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

Reconstitute with 100 µL of distilled water. Centrifuge to remove any insoluble material.

Background/Target Information

Orphan receptor. Probably involved in the function of nociceptive neurons. May regulate nociceptor function and/or development, including the sensation or modulation of pain. Cortistatin-14 seems to be a high potency ligand at this receptor. Cortistatin has several biological functions including roles in sleep regulation locomotor activity, and cortical function. In receptor-expressing cells, cortistatin-stimulated increases in intracellular Ca(2+) but had no effect on basal or forskolin-stimulated cAMP levels, suggesting that this receptor is G(q)-coupled. Has a limited expression profile, both peripheral and within the central nervous system, with highest levels in dorsal root ganglion.

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