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Datasheet for ABIN953498

anti-MRGPRX2 antibody (C-Term)

1 Image

Overview

Quantity:	0.4 mL
Target:	MRGPRX2
Binding Specificity:	AA 286-316, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRGPRX2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 286-316aa) of human MRGPRX2.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes MRGPRX2 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	MRGPRX2
Alternative Name:	MRGPRX2 (MRGPRX2 Products)

Target Details

Background: MRGPRX2 is the 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. Synonyms: MRGX2, Mas-related G-protein coupled receptor member X2

Gene ID: 117194

NCBI Accession: [NP_473371](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) 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.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis in 293 cell line lysates (35ug/lane) using MRGPRX2 Antibody (C-tem). This demonstrates this antibody detected the MRGPRX2 protein (arrow).