

Datasheet for ABIN7229756
anti-MRGPRX2 antibody (AA 250-330)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MRGPRX2
Binding Specificity:	AA 250-330
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	MRGX2 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from part region of human MRGX2 protein at AA range: 250-330
Isotype:	IgG
Specificity:	The antibody detects endogenous levels of MRGX2 protein
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen

Target Details

Target:	MRGPRX2
Alternative Name:	MRGX2 (MRGPRX2 Products)
Background:	Rabbit Anti-MRGX2 Polyclonal Antibody, Mas-related G-protein coupled receptor member

Target Details

X2, Mast cell-specific receptor for basic secretagogues, i.e. Cationic amphiphilic drugs, as well as endo- or exogenous peptides, consisting of a basic head group and a hydrophobic core (PubMed: 25517090). Recognizes and binds small molecules containing a cyclized tetrahydroisoquinoline (THIQ), such as non-steroidal neuromuscular blocking drugs (NMBDs), including tubocurarine and atracurium. In response to these compounds, mediates pseudo-allergic reactions characterized by histamine release, inflammation and airway contraction (By similarity). Acts as a receptor for a number of other ligands, including peptides and alkaloids, such as cortistatin-14, proadrenomedullin N-terminal peptides PAMP-12 and, at lower extent, PAMP-20, antibacterial protein LL-37, PMX-53 peptide, beta-defensins, and complanadine A.,MRGX2

Molecular Weight: observed band 36kDa

Gene ID: 117194

UniProt: [Q96LB1](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Comment: Primary Antibody

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium Azide as preservative and 50 % Glycerol.

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: -20 °C

Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.