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Datasheet for ABIN1537144
anti-P2RX3 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	P2RX3
Binding Specificity:	AA 330-356, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This P2RX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 330-356 amino acids from the C-terminal region of human P2RX3.
Clone:	RB39601
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	P2RX3
Alternative Name:	P2RX3 (P2RX3 Products)
Background:	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and may transduce ATP-evoked nociceptor activation. Mouse studies suggest that this receptor is important for peripheral pain responses, and also

Target Details

participates in pathways controlling urinary bladder volume reflexes. It is possible that the development of selective antagonists for this receptor may have a therapeutic potential in pain relief and in the treatment of disorders of urine storage.

Molecular Weight: 44289

Gene ID: 5024

NCBI Accession: [NP_002550](#)

UniProt: [P56373](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

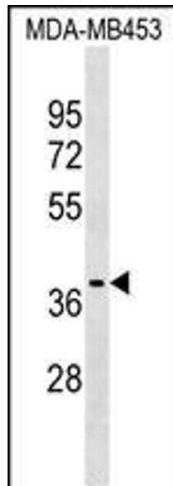
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: P2RX3 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. P2RX3 Antibody (C-term) (ABIN1537144 and ABIN2850268) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the P2RX3 antibody detected the P2RX3 protein (arrow).