



Datasheet for ABIN7262571 anti-P2RX4 antibody



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2 Images

Overview

Quantity:	200 µL
Target:	P2RX4
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RX4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human P2RX4 (NP_002551.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	P2RX4
Alternative Name:	P2RX4 (P2RX4 Products)
Background:	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel with high calcium permeability. The main pharmacological distinction between the members of the purinoceptor family is the relative sensitivity to the antagonists suramin and PPADS. The product of this gene has the lowest

Target Details

sensitivity for these antagonists. Multiple alternatively spliced transcript variants, some protein-coding and some not protein-coding, have been found for this gene.

Molecular Weight: Observed_MW: 62 kDa
Calculated_MW: 40 kDa/43 kDa/45 kDa

Gene ID: 5025

UniProt: [Q99571](#)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: WB 1:500-1:2000 IF 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

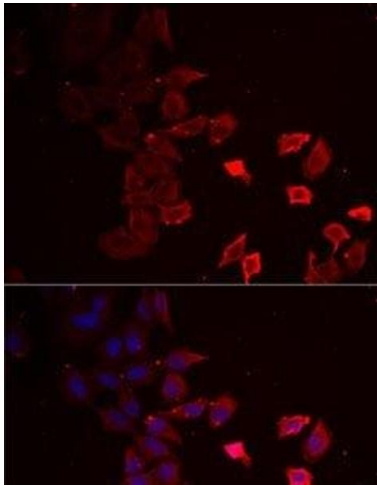
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

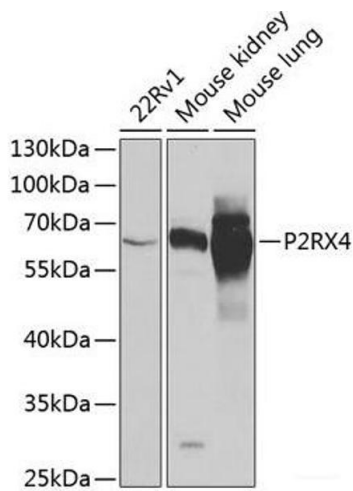
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells using P2RX4 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using P2RX4 Polyclonal Antibody at dilution of 1:1000.