

## P2RX4 antibody

Catalog No: #39096

Package Size: #39096-1 50ul #39096-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

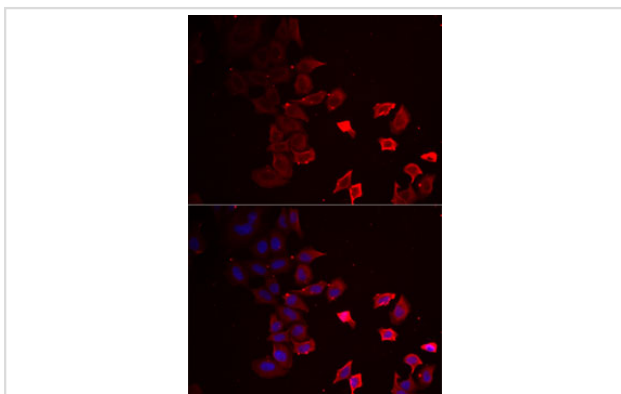
## Description

Product Name	P2RX4 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total P2RX4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human P2RX4.
Target Name	P2RX4
Other Names	P2X4; P2X4R;
Accession No.	Swiss-Prot#: Q99571NCBI Gene ID: 5025
Uniprot	Q99571
GeneID	5025;
SDS-PAGE MW	43kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

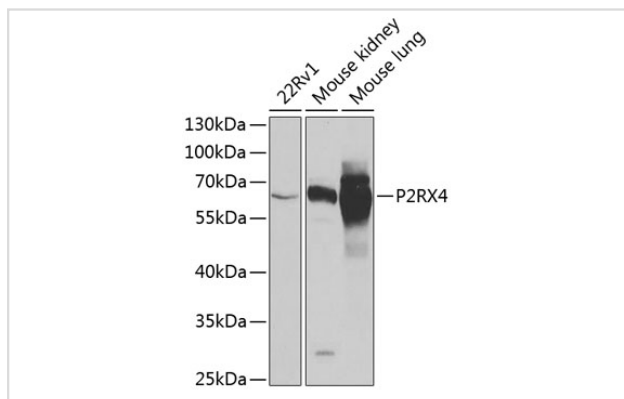
## Application Details

WB □ 1:500 - 1:2000IF □ 1:10 - 1:100

## Images



Immunofluorescence analysis of MCF7 cells using P2RX4 .  
Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using P2RX4 at 1:1000 dilution.

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

Note: This product is for in vitro research use only