

Datasheet for ABIN7436204  
**anti-P2RX7 antibody (AA 47-334)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	P2RX7
Binding Specificity:	AA 47-334
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RX7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Purinergic Receptor P2X, Ligand Gated Ion Channel 7 (P2RX7)
Immunogen:	Recombinant Purinergic Receptor P2X, Ligand Gated Ion Channel 7 (P2RX7) corresponding to Ser47~Val334 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against P2RX7. It has been selected for its ability to recognize P2RX7 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

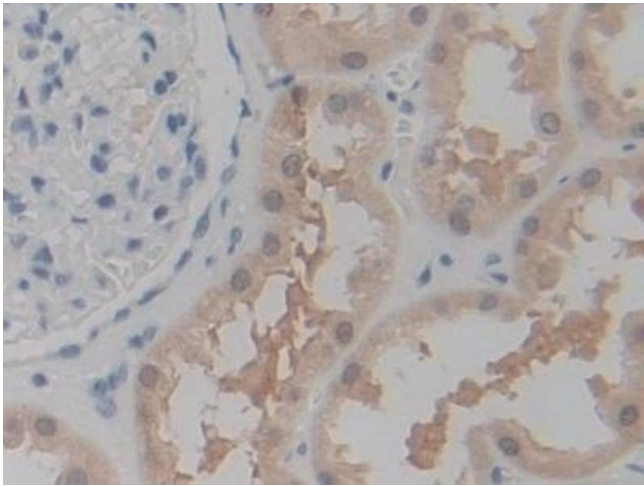
Target:	P2RX7
Alternative Name:	Purinergic Receptor P2X, Ligand Gated Ion Channel 7 ( <a href="#">P2RX7 Products</a> )
Background:	P2X7, P2X Purinoceptor 7, ATP receptor, Purinergic receptor
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

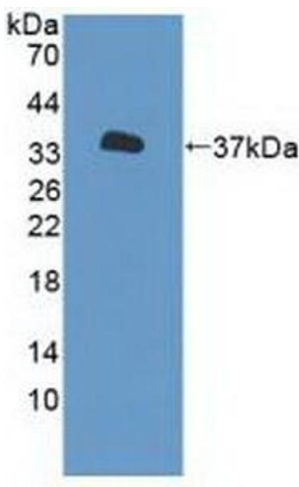
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant P2RX7, Human using Polyclonal Antibody to Purinergic Receptor P2X, Ligand Gated Ion Channel 7 (P2RX7)