

Datasheet for ABIN2461118
anti-P2RX2 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	P2RX2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human P2RX2.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	P2RX2
Alternative Name:	P2RX2 (P2RX2 Products)
Background:	The product of P2RX2 belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle.
Molecular Weight:	52 kDa, 49 kDa, 55 kDa, 45 kDa
Gene ID:	22953

Target Details

NCBI Accession:	NP_733782
UniProt:	Q9UBL9
Pathways:	Skeletal Muscle Fiber Development , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	P2RX2 antibody can be used for detection of P2RX2 by ELISA at 1:2500. P2RX2 antibody can be used for detection of P2RX2 by western blot at 0.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store P2RX2 antibody at -20 °C.

Images



Western Blotting

Image 1.