

Datasheet for ABIN633698

anti-P2RX2 antibody (Middle Region)



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1 Image

Overview

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

Product Details

Immunogen:	P2 RX2 antibody was raised using the middle region of P2 X2 corresponding to a region with amino acids IRIDVIVHGQAGKFSLIPTIINLATALTSVGVRNPLWGPGCGGSTRPL
Specificity:	P2 RX2 antibody was raised against the middle region of P2 X2
Purification:	Affinity purified

Target Details

Target:	P2RX2
Alternative Name:	P2RX2
Background:	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. Six transcript variants encoding six distinct isoforms have been

Target Details

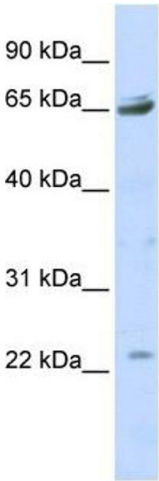
	identified for P2RX2.
Molecular Weight:	54 kDa (MW of target protein)
Pathways:	Skeletal Muscle Fiber Development , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	P2RX2 Blocking Peptide, (ABIN939518), is also available for use as a blocking control in assays to test for specificity of this P2RX2 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of P0 X2 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. P2RX2 antibody used at 1 ug/ml to detect target protein.