

Datasheet for ABIN633745
anti-P2RX4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	P2RX4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RX4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	P2 RX4 antibody was raised using the N terminal of P2 X4 corresponding to a region with amino acids VQLLILAYVIGWVFWVEKGYQETDSVSSVTTKVKGVAVTNTSKLGFRIW
Specificity:	P2 RX4 antibody was raised against the N terminal of P2 X4
Purification:	Affinity purified

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

Target Details

sensitivity to the antagonists suramin and PPADS.

Molecular Weight: 43 kDa (MW of target protein)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: P2RX4 Blocking Peptide, catalog no. 33R-9751, is also available for use as a blocking control in assays to test for specificity of this P2RX4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of P0 X4 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. P2RX4 antibody used at 1 ug/ml to detect target protein.