

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

## 1 Image



Go to Product page

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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 VQLLILAYVIGWVFVWEKGYQETDSVVSSVTTKVKGVAVTNTSKLGFRIW	
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	

#### Target Details

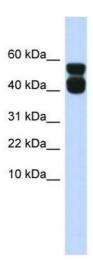
	sensitivity to the antagonists suramin and PPADS.
Molecular Weight:	43 kDa (MW of target protein)
Pathways:	Synaptic Membrane

### **Application Details**

Application Notes:	WB: 1 $\mu g/mL$ 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.