

Datasheet for ABIN5516291
anti-P2RX2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	P2RX2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Horse, Dog, Guinea Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human P2RX2
Sequence:	PKYSFRRLDP KHVPASSGYN FRFAKYYKIN GTTTRTLIKA YGIRIDVIVH
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 79%, Horse: 79%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against P2RX2. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	P2RX2
Alternative Name:	P2RX2 (P2RX2 Products)

Target Details

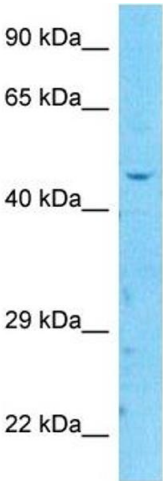
Background:	The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Alias Symbols: P2RX2, P2X2, Protein Interaction Partner: P2RX2, GABRR1, P2RX3, P2RX1, Protein Size: 471
Gene ID:	22953
UniProt:	Q9UBL9
Pathways:	Skeletal Muscle Fiber Development , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: P2RX2 Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml