



Human P2RX4 blocking peptide (CDBP2168)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-P2X4/P2X4R antibody
Antigen Description	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 sensitivity to the antagonists suramin and PPADS. The product of this gene has the lowest sensitivity for these antagonists. Multiple alternatively spliced transcript variants, some protein-coding and some not protein-coding, have been found for this gene. [provided by RefSeq, Feb 2012]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	P2RX4 purinergic receptor P2X, ligand-gated ion channel, 4 [Homo sapiens]
Official Symbol	P2RX4
Synonyms	P2RX4; purinergic receptor P2X, ligand-gated ion channel, 4; P2X purinoceptor 4; P2X4; ATP receptor; purinoceptor P2X4; P2X receptor, subunit 4; purinergic receptor P2X4; ATP-gated

cation channel protein; P2X4R;

Entrez Gene ID	5025
mRNA Refseq	NM_001256796
Protein Refseq	NP_001243725
UniProt ID	Q99571
Chromosome Location	12q24.32
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	ATP binding; cadherin binding; copper ion binding; drug binding; extracellular ATP-gated cation channel activity; ion channel activity; protein homodimerization activity; purinergic nucleotide receptor activity; purinergic nucleotide receptor activity; re