



Anti-P2RX2 (cytoplasmic domain) polyclonal antibody (CPBT-42601GM)

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

PRODUCT INFORMATION

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| Product Overview | Goat Polyclonal antibody to Mouse P2RX2. |
| Immunogen | A synthetic peptide from the cytoplasmic domain of Mouse P2X2 conjugated to an immunogenic carrier protein. |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Mouse, Rat |
| Purification | Whole antiserum |
| Conjugate | Unconjugated |
| Applications | IHC-P, IHC-Fr |
| Sequence Similarities | Belongs to the P2X receptor family. |
| Cellular Localization | Membrane. |
| Format | There are 7 isoforms produced by alternative splicing. |
| Size | 100 µl |
| Buffer | Preservative: None Constituents: Whole serum |
| Preservative | None |
| Storage | Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles. |

GENE INFORMATION

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| Gene Name | P2rx2 purinergic receptor P2X, ligand-gated ion channel, 2 [Mus musculus] |
| Official Symbol | P2RX2 |
| Synonyms | P2RX2; purinergic receptor P2X, ligand-gated ion channel, 2; purinergic receptor P2X2; MGC129601; ATP receptor; P2RX 2; P2RX2; P2RX2_HUMAN; P2X purinoceptor 2; P2X Receptor subunit 2; P2X2; P2X2a; Purinergic receptor; Purinergic receptor P2X ligand gated ion channel 2; Purinergic receptor P2X2 isoform A; Purinergic receptor P2X2 isoform B; Purinergic receptor P2X2 isoform C; Purinergic receptor P2X2 isoform D; Purinergic receptor P2X2 isoform H; Purinergic receptor P2X2 isoform I; P2x2; P2X2a; |
| Entrez Gene ID | 231602 |
| Protein Refseq | NP_001158305 |
| UniProt ID | Q8K3P1 |
| 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; cadmium ion binding; cobalt ion binding; copper ion binding; drug binding; extracellular ATP-gated cation channel activity; extracellular ATP-gated cation channel activity; extracellular ATP-gated cation channel activity; extracellular ATP-ga |