10320 Camino Santa Fe, Suite G
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Anti-P2X2 Antibody
Rabbit polyclonal antibody to P2X2
Catalog # AP60876

Specification

Anti-P2X2 Antibody - Product Information

Application	**WB**
Primary Accession	Q9UBL9
Other Accession	Q8K3P1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**51754**

Anti-P2X2 Antibody - Additional Information

Gene ID 22953

Other Names
P2X2; P2X purinoceptor 2; P2X2; ATP receptor; Purinergic receptor

Target/Specificity
Recognizes endogenous levels of P2X2 protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-P2X2 Antibody - Protein Information

Name P2RX2

Synonyms P2X2

Function
Ion channel gated by extracellular ATP involved in a variety of cellular responses, such as excitatory postsynaptic responses in sensory neurons, neuromuscular junctions (NMJ) formation, hearing, perception of taste and peristalsis. In the inner ear, regulates sound transduction and auditory neurotransmission, outer hair cell electromotility, inner ear gap junctions, and K(+) recycling. Mediates synaptic transmission between neurons and from neurons to smooth muscle.

Cellular Location

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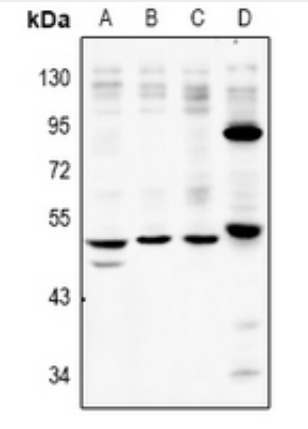
Cell membrane; Multi-pass membrane protein Note=Localizes to the apical membranes of hair cells in the organ of Corti

Anti-P2X2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-P2X2 Antibody - Images



Western blot analysis of P2X2 expression in A549 (A), SGC7901 (B), LO2 (C), AML12 (D) whole cell lysates.

Anti-P2X2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human P2X2. The exact sequence is proprietary.