



P2X3 Polyclonal Antibody

E20-75211

Catalog Number:E20-75211

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:The antiserum was produced against synthesized peptide derived from the Internal region of human P2RX3. AA range:81-130

Calculated MW:44230Da

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:P2RX3

Dilution:Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.

Protein Name:P2X purinoceptor 3

Human Gene Id:5024

Human Swiss Prot No:P56373

Mouse Gene Id:228139

Mouse Swiss Prot No:Q3UR32

Rat Gene Id:81739

Rat Swiss Prot No:P49654

Specificity:P2X3 Polyclonal Antibody detects endogenous levels of P2X3 protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:P2RX3; P2X purinoceptor 3; P2X3; ATP receptor; Purinergic receptor

Observed Band(KD):44

Background:purinergic receptor P2X 3(P2RX3) Homo sapiens The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and may transduce ATP-evoked nociceptor activation. Mouse studies suggest that this receptor is important for peripheral pain responses, and also participates in

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pathways controlling urinary bladder volume reflexes. It is possible that the development of selective antagonists for this receptor may have a therapeutic potential in pain relief and in the treatment of disorders of urine storage. [provided by RefSeq, Jul 2008],

Function:function:Receptor for ATP that acts as a ligand gated ion channel.,online information:P2X receptor entry,similarity:Belongs to the P2X receptor family.,subunit:Homo- or heteropolymers.,

Subcellular Location:Cell membrane ; Multi-pass membrane protein .

Expression:Heart,