

P2X3 rabbit pAb

Cat No.:ES3941

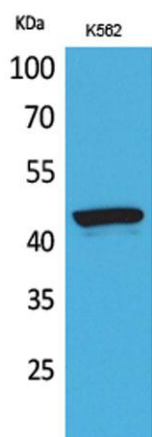
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Overview

Product Name	P2X3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human P2RX3. AA range:81-130
Specificity	P2X3 Polyclonal Antibody detects endogenous levels of P2X3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	P2X purinoceptor 3
Gene Name	P2RX3
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	44kD
Human Gene ID	5024
Human Swiss-Prot Number	P56373
Alternative Names	P2RX3; P2X purinoceptor 3; P2X3; ATP receptor; Purinergic receptor
Background	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 pathways

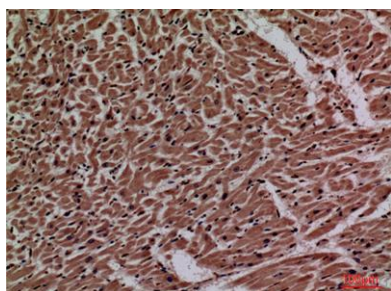


controlling urinary bladder volume reflexes. It is possible that the development of selective antagonists for this receptor may have a therapeutic potential in pain relief and in the treatment of disorders of urine storage. [provided by RefSeq, Jul 2008],

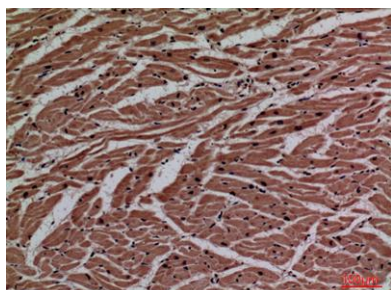


Western Blot analysis of K562 cells using P2X3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:100



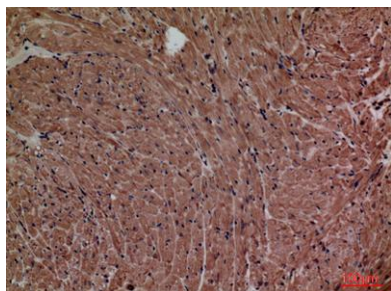
Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:100





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Immunohistochemical analysis of paraffin-embedded mouse-heart, antibody was diluted at 1:100



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