

Product Name: P2X3 Rabbit Polyclonal Antibody
Catalog #: AP Rab15605



Summary

Production Name	P2X3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	P2RX3
Alternative Names	P2RX3; P2X purinoceptor 3; P2X3; ATP receptor; Purinergic receptor
Gene ID	5024.0
SwissProt ID	P56373.The antiserum was produced against synthesized peptide derived from the Internal region of human P2RX3. AA range:81-130

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-300, ELISA 1:20000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	44kDa

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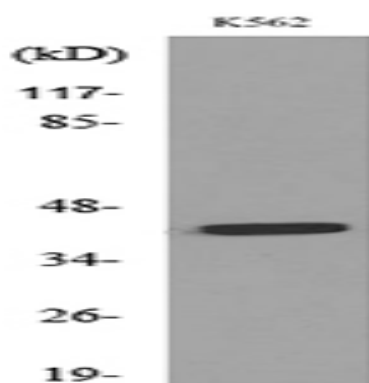
Background

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],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.,

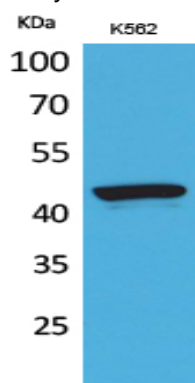
Research Area

Calcium;Neuroactive ligand-receptor interaction;

Image Data

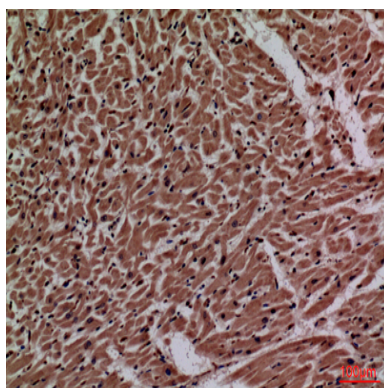


Western blot analysis of lysate from K562 cells, using P2RX3 Antibody.

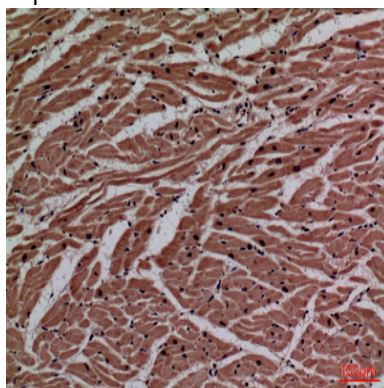


Western Blot analysis of K562 cells using P2X3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

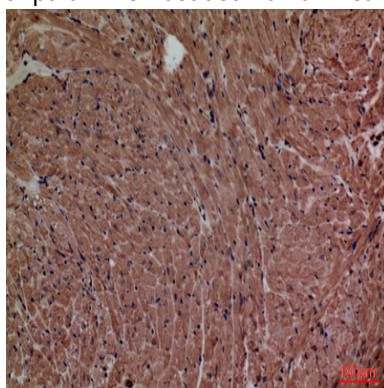
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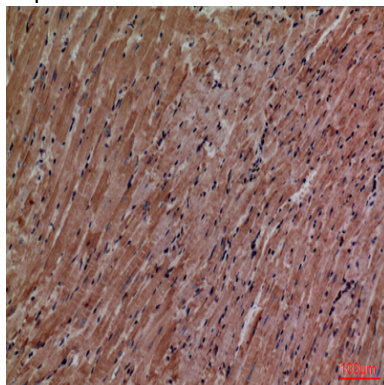
Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:100



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



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



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

Note

For research use only.