



P2X3 Polyclonal Antibody

Catalog No	YP-Ab-16524
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	P2RX3
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ATP receptor;P2X purinoceptor 3;P2X3;Purinergic receptor;P2RX3
Observed Band	44kD
Calculated Molecular Weight	44kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Heart,
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.,
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],



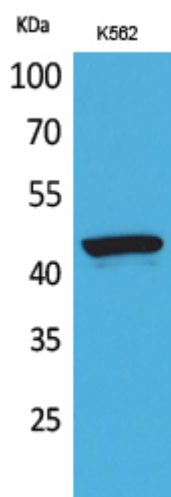
matters needing attention

Avoid repeated freezing and thawing!

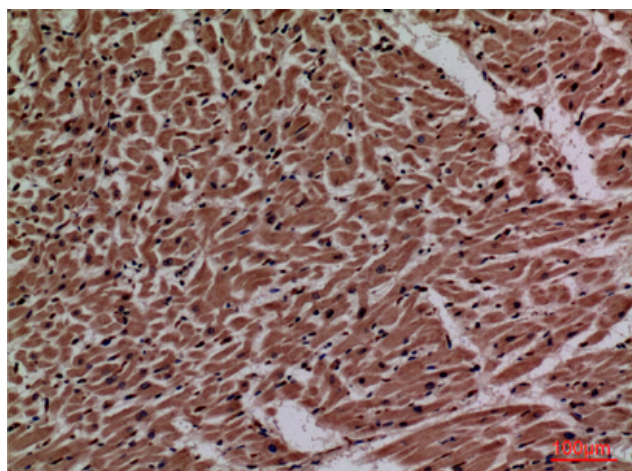
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

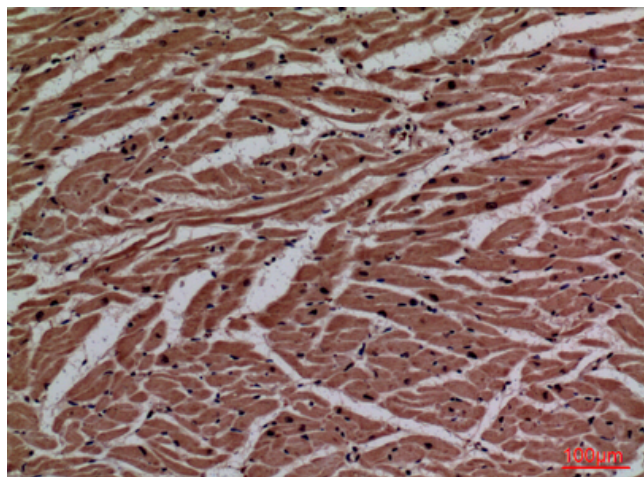
Products Images



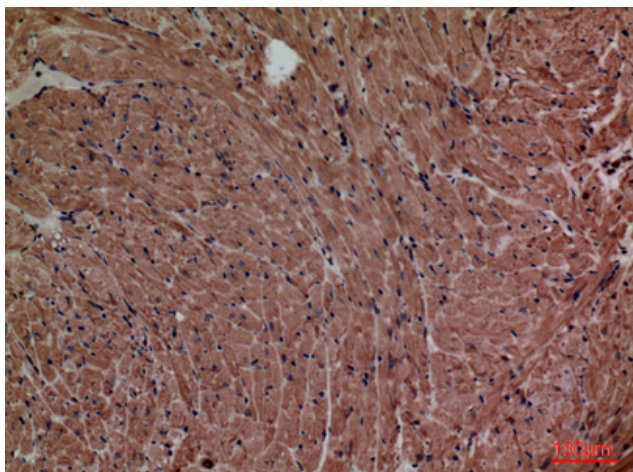
Western Blot analysis of K562 cells using P2X3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



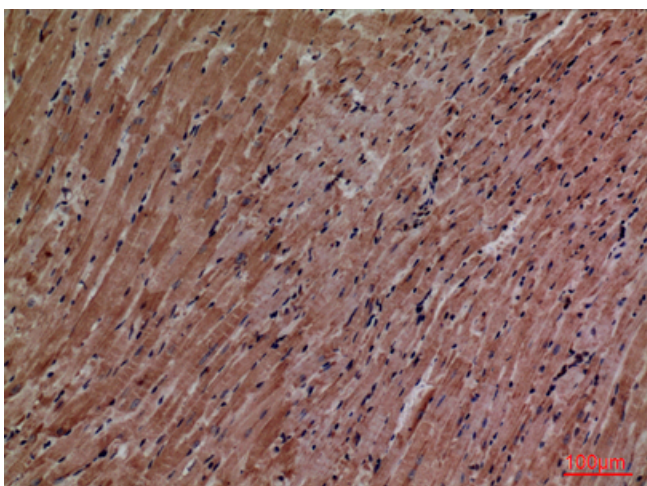
Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:100



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



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



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