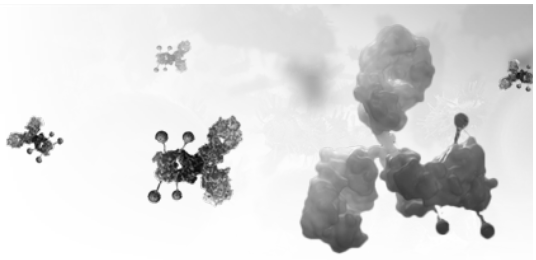

Anti-P2RX3 (aa 383-397) polyclonal antibody (DPAB2772RR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit polyclonal to rat purinergic receptor P2X, ligand-gated ion channel, 3.
Antigen Description	P2X purinoceptor 3 is a protein that in humans is encoded by the P2RX3 gene. 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.
Immunogen	VEKQSTDSGAYSIGH Corresponding to residues 383-397 of the carboxy-terminus of rat P2X3
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	IHC, ICC, WB, FC
Format	Whole Serum (with 0.5% sodium azide) Sent in liquid form
Size	50 µl
Preservative	None
Storage	Store frozen. Aliquot as undiluted serum and immediately place at -20° C. Serum may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20° C. Repeated freeze/thaw cycl

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	P2rx3 purinergic receptor P2X, ligand-gated ion channel, 3 [Rattus norvegicus]
Synonyms	P2rx3; purinergic receptor P2X, ligand-gated ion channel, 3; P2X purinoceptor 3; P2X3; ATP receptor; purinergic receptor P2X ligand-gated ion channel, 3
Entrez Gene ID	81739
Protein Refseq	NP_112337
UniProt ID	P49654
Chromosome Location	3q24
Pathway	Calcium signaling pathway; Neuroactive ligand-receptor interaction
Function	ATP binding; extracellular ATP-gated cation channel activity; ion channel activity; purinergic nucleotide receptor activity; receptor activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221