P2X6 Receptor (P2RX6) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	P2X6 Receptor (P2rx6), Polyclonal Antibody
Full Product Name	P2X6 Receptor (MaxLight 550)
Product Gene Name	anti-P2rx6 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes P2X6 Receptor. The epitope specific for the P2X6 receptor is not present in any other known proteins. Species Crossreactivity: Rat. The immunogen sequence is conserved in mouse (15/15) and human (14/17).
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	42,451 Da
3D Structure	ModBase 3D Structure for P51579
Immunogen	Highly purified peptide corresponding to residues 363-379 of rat P2X6 (UniProt #P51579).
Conjugate	MaxLight550
Note	Preservative Free
Special Handling	Hygroscopic. Keep tightly closed and desiccated.
Product Categories/Family for anti-P2rx6 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-P2rx6 antibody	Western Blot (WB)
Application Notes for anti-P2rx6 antibody	WB: 1:200 using ECL on rat brain membranes. Applications are based on unconjugated antibody.
Related Product Information for anti-P2rx6 antibody	MBS6491599 is an antibody targeting P2rx6. Also known as P2X6 Receptor (MaxLight 550). Reactive in Rat. Host: Rabbit.
Other Notes	Small volumes of anti-P2rx6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for P2rx6. It may not necessarily be applicable to this product.

NCBI GI #	227116255

NCBI GeneID	25041
NCBI Accession #	NP_036853.2
UniProt Primary Accession #	P51579
UniProt Related Accession #	P51579
GenBank Nucleotide #	NM_012721.2
NCBI Official Full Name	P2X purinoceptor 6
NCBI Official Synonym Full Names	purinergic receptor P2X, ligand-gated ion channel, 6
NCBI Official Symbol	P2rx6
NCBI Official Synonym Symbols	P2x6; P2rxl1; Rnap2x6
UniProt Protein Name	P2X purinoceptor 6
UniProt Synonym Protein Names	ATP receptor; P2XM; Purinergic receptor; Purinergic receptor P2X-like 1
Protein Family	P2X purinoceptor
UniProt Gene Name	P2rx6
UniProt Synonym Gene Names	P2rxl1; P2X6
UniProt Entry Name	P2RX6_RAT
NCBI Protein Information	P2X purinoceptor 6; P2XM; ATP receptor; P2X6 receptor; purinergic receptor P2X6; purinergic receptor P2X-like 1 orphan receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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