



## Rabbit polyclonal antibody to human P2X purinoceptor 3 (385-397): Affinity purified

<b>Catalogue No.:</b>	R-1116-100
<b>Description:</b>	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. P2X purinoceptor 3 (P2X3) belongs to the family of purinoceptors for ATP and acts as a ligand gated ion channel.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 µg
<b>Antigen:</b>	A synthetic peptide (KQSTDSGAFSIGH) corresponding to a region (385-397) from the C-terminus of human P2X purinoceptor 3 (P2X3). To enhance the immunological response, this peptide was coupled to carrier protein BSA.
<b>Other Names:</b>	P2X purinoceptor 3; P2X3; ATP receptor; Purinergic receptor; P2RX3;
<b>Accession:</b>	P56373 P2RX3_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 µg/ml is recommended for WB. Human P2X purinoceptor 3 has a predicted length of 397 amino acids and MW of 44 kDa. A concentration of 1.0-2.0 µg/ml is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 µl of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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