Goat P2RX4 / P2X4 Polyclonal Antibody | anti-P2RX4 antibody

Goat Polyclonal to Mouse P2RX4 / P2X4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52356	**Goat**	**Dog, Hamster, Human, Mouse, Rat**	**ELISA, Western Blot, Immunohistochemistry**

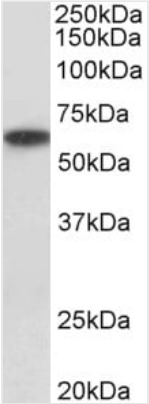
PRODUCT SYNONYMS

P2RX4 / P2X4; Polyclonal Antibody; Goat Polyclonal to Mouse P2RX4 / P2X4; Anti-P2RX4 / P2X4 Antibody (Internal) IHC-plus; P2RX4; ATP receptor; p2X purinoceptor 4; p2X4R; p2RX4; p2X receptor 4; p2X4; p2X4 purinoceptor; Purinergic receptor P2X4; Purinoceptor P2X4; Purinergic receptor; p2X receptor; subunit 4; Mouse P2RX4; P2X4; anti-P2RX4 antibody

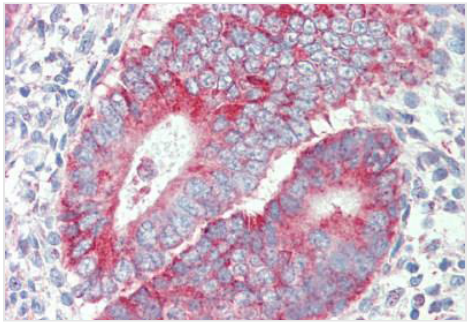
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Dog, Hamster, Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Mouse P2RX4 / P2X4.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	388
Applicable Applications for anti-P2RX4 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Mouse
Immunogen Description	Synthetic peptide C-ETDSVVSSVTTKAK from an internal region of mouse P2RX4 / P2X4 (NP_035156.2). Percent identity by BLAST analysis: Mouse, Rat, Hamster, Panda, Dog, Porcine (100%).
Immunogen Type	Synthetic peptide
Immunogen	P2RX4 / P2X4 antibody was raised against synthetic peptide C-ETDSVVSSVTTKAK from an internal region of mouse P2RX4 / P2X4 (NP_035156.2). Percent identity by BLAST analysis: Mouse, Rat, Hamster, Panda, Dog, Porcine (100%); Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Elephant, Bat, Bovine, Guinea pig, Turkey, Zebra finch, Chicken, Platypus (93%); Galago, Lizard (86%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
P2RX4 antibody (1 ug/ml) staining of Human Kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)
Anti-P2RX4 / P2X4 antibody IHC staining of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-P2RX4 antibody	Family: Ion Channel; Subfamily: P2X receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	28416927
NCBI GeneID	5025
NCBI Accession #	NP_002551.2
NCBI GenBank Nucleotide #	NM_002560.2
UniProt Accession #	Q99571; O00450; O14722; Q5U089; Q5U090; Q8N4N1; Q9UBG9; E7EPF7; F6RU17
Molecular Weight	40,481 Da
NCBI Official Full Name	P2X purinoceptor 4 isoform 2
NCBI Official Synonym Full Names	purinergic receptor P2X, ligand-gated ion channel, 4
NCBI Official Symbol	P2RX4
NCBI Official Synonym Symbols	P2X4; P2X4R
NCBI Protein Information	P2X purinoceptor 4; ATP receptor; purinoceptor P2X4; P2X receptor, subunit 4; purinergic receptor P2X4; ATP-gated cation channel protein
UniProt Protein Name	P2X purinoceptor 4
UniProt Gene Name	**P2RX4**
UniProt Synonym Gene Names	P2X4
UniProt Entry Name	P2RX4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/p2rx4-p2x4-antibody-western-blot-immunohistochemistry-elisa/52356