10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

P2RX5 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5538

Specification

P2RX5 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q93086
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=47,48,44 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

P2RX5 Antibody (C-term) - Additional Information

Gene ID 5026

Antigen Region
325-353

Other Names
P2X purinoceptor 5, P2X5, ATP receptor, Purinergic receptor, P2RX5, P2X5

Dilution
WB~~1:1000
IHC-P~~1:10~50

Target/Specificity
This P2RX5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 325-353 amino acids from the C-terminal region of human P2RX5.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
P2RX5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

P2RX5 Antibody (C-term) - Protein Information

Name P2RX5

Synonyms P2X5

Function

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Receptor for ATP that acts as a ligand-gated ion channel.

Cellular Location
Membrane; Multi-pass membrane protein.

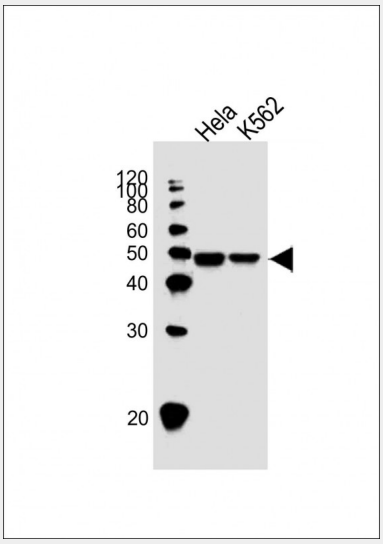
Tissue Location
Expressed at high levels in brain and immune system

P2RX5 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

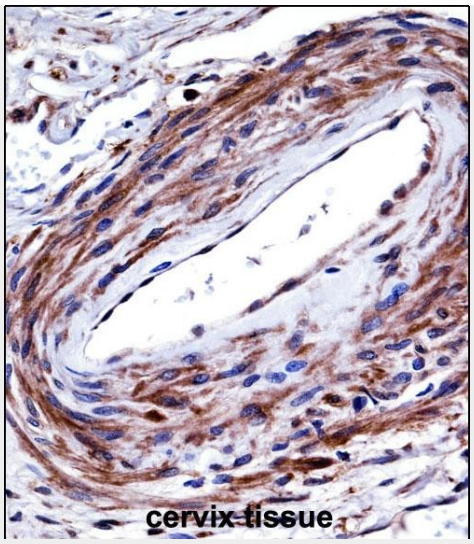
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

P2RX5 Antibody (C-term) - Images



All lanes : Anti-P2RX5 Antibody (C-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



P2RX5 Antibody (C-term) (AW5538)immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of P2RX5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

P2RX5 Antibody (C-term) - Background

The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Several characteristic motifs of ATP-gated channels are present in its primary structure, but, unlike other members of the purinoceptors family, this receptor has only a single transmembrane domain. Three transcript variants encoding distinct isoforms have been identified for this gene.

P2RX5 Antibody (C-term) - References

Kotnis, S., et al. Mol. Pharmacol. 77(6):953-960(2010)
Overes, I.M., et al. Cancer Immunol. Immunother. 58(3):429-439(2009)
Dubyak, G.R. Mol. Pharmacol. 72(6):1402-1405(2007)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Duckwitz, W., et al. J. Biol. Chem. 281(51):39561-39572(2006)