

Rabbit P2RY14 / GPR105 Polyclonal Antibody | anti-P2RY14 antibody

Rabbit Polyclonal to Human P2RY14 / GPR105

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51409	Rabbit	Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

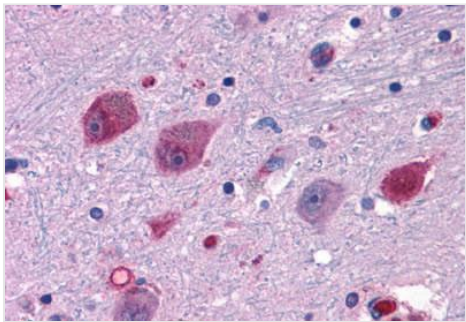
PRODUCT SYNONYMS

P2RY14 / GPR105; Polyclonal Antibody; Rabbit Polyclonal to Human P2RY14 / GPR105; Anti-P2RY14 / GPR105 Antibody (Extracellular Domain) IHC-plus; P2RY14; G-protein coupled receptor 105; p2Y purinoceptor 14; p2Y(14) receptor; p2Y14 receptor; UDP-glucose receptor; p2Y14; VTR 15-20 receptor; G protein-coupled receptor 105; GPR105; KIAA0001; p2RY14; Human P2RY14; anti-P2RY14 antibody

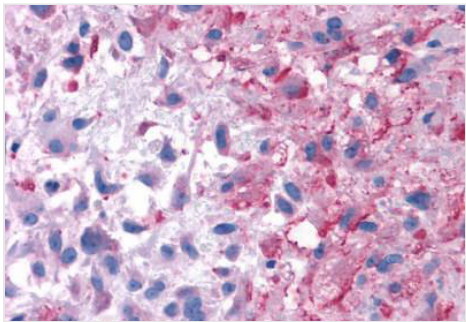
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human P2RY14 / P2Y14. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	338
Applicable Applications for anti-P2RY14 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from 2nd extracellular domain of human P2RY14 / P2Y14. Percent identity with other species by BLAST analysis: Human (100%); Monkey (94%); Marmoset (88%).
Immunogen Type	Synthetic peptide
Immunogen	P2RY14 / GPR105 antibody was raised against synthetic 17 amino acid peptide from 2nd extracellular domain of human P2RY14 / P2Y14. Percent identity with other species by BLAST analysis: Human (100%); Monkey (94%); Marmoset (88%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-P2RY14 / P2Y14 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-P2RY14 / GPR105 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-P2RY14 antibody	GPR105 is a Sugar-Sensing Receptor. GPR105 is a G-protein-coupled receptor identifying a quiescent, primitive population of hematopoietic cells restricted to bone marrow. GPC105 has been suggested to mediate primitive cell responses to specific hematopoietic microenvironments and extends the known immune system functions of P2Y receptors to the stem cell level.
Product Categories/Family for anti-P2RY14 antibody	Family: GPCR; Subfamily: Sugar sensing

NCBI AND UNIPROT INFORMATION

NCBI GI #	125625352
NCBI GeneID	9934
NCBI Accession #	NP_055694.3
NCBI GenBank Nucleotide #	NM_014879.3
UniProt Accession #	Q15391; Q8IYT7
Molecular Weight	38,971 Da
NCBI Official Full Name	P2Y purinoceptor 14
NCBI Official Synonym Full Names	purinergic receptor P2Y, G-protein coupled, 14
NCBI Official Symbol	P2RY14
NCBI Official Synonym Symbols	P2Y14; BPR105; GPR105
NCBI Protein Information	P2Y purinoceptor 14; P2Y14 receptor; UDP-glucose receptor; G protein-coupled receptor 105; G-protein coupled receptor 105; G protein coupled receptor for UDP-glucose
UniProt Protein Name	P2Y purinoceptor 14
UniProt Gene Name	P2RY14
UniProt Synonym Gene Names	GPR105; KIAA0001; P2Y14
UniProt Entry Name	P2Y14_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.