

GPR105 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51411

Product Information

Application	WB, IP, IHC-P
Primary Accession	Q15391
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38971

Additional Information

Gene ID	9934
Other Names	P2Y purinoceptor 14, P2Y14, G-protein coupled receptor 105, UDP-glucose receptor, P2RY14, GPR105, KIAA0001
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR105. The exact sequence is proprietary.
Dilution	WB~~1:1000 IP~~N/A IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	P2RY14
Synonyms	GPR105, KIAA0001
Function	Receptor for UDP-glucose and other UDP-sugar coupled to G- proteins. Not activated by ATP, ADP, UTP or ATP.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Highest expression in the placenta, adipose tissue, stomach and intestine, intermediate levels in the brain, spleen, lung and heart, lowest levels in the kidney

Background

Receptor for UDP-glucose and other UDP-sugar coupled to G-proteins. Not activated by ATP, ADP, UTP or ATP.

References

Joensuu T., et al. Am. J. Hum. Genet. 69:673-684(2001).
Nomura N., et al. DNA Res. 1:27-35(1994).
Chambers J.K., et al. J. Biol. Chem. 275:10767-10771(2000).
Sjoebloom T., et al. Science 314:268-274(2006).

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