

GPR78 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17584c

Specification

GPR78 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O96P69
Other Accession	NP_543009.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39332
Antigen Region	94-120

GPR78 Antibody (Center) - Additional Information

Gene ID 27201

Other Names

G-protein coupled receptor 78, GPR78

Target/Specificity

This GPR78 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94-120 amino acids from the Central region of human GPR78.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

GPR78 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR78 Antibody (Center) - Protein Information

Name GPR78

Function Orphan receptor. Displays a significant level of constitutive activity. Its effect is

mediated by G(s)-alpha protein that stimulate adenylate cyclase, resulting in an elevation of intracellular cAMP.

Cellular Location

Cell membrane; Multi-pass membrane protein.

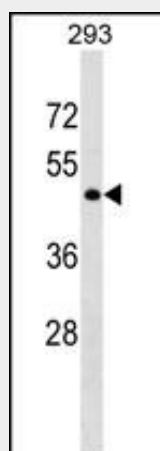
Tissue Location

High level of expression in placenta. Expressed throughout the brain at low level. No expression detected in skeletal muscle, lung, heart, liver, pancreas, or kidney

GPR78 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPR78 Antibody (Center) - Images

GPR78 Antibody (Center) (Cat. #AP17584c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the GPR78 antibody detected the GPR78 protein (arrow).

GPR78 Antibody (Center) - Background

G protein-coupled receptors (GPCRs, or GPRs) contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.

GPR78 Antibody (Center) - References

Zhu, X., et al. World J. Gastroenterol. 15(39):4958-4961(2009)
Yosifova, A., et al. J Affect Disord 117 (1-2), 87-97 (2009) :
Jones, P.G., et al. Biochim. Biophys. Acta 1770(6):890-901(2007)
Underwood, S.L., et al. Mol. Psychiatry 11(4):384-394(2006)

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)