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GPR133 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9499C

Specification

GPR133 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q6QNK2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**471-498**

GPR133 Antibody (Center) - Additional Information

Gene ID 283383

Other Names
Probable G-protein coupled receptor 133, G-protein coupled receptor PGR25, GPR133, PGR25

Target/Specificity
This GPR133 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 471-498 amino acids from the Central region of human GPR133.

Dilution
WB~~1:1000

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
GPR133 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GPR133 Antibody (Center) - Protein Information

Name ADGRD1

Synonyms GPR133, PGR25

Function Orphan receptor. Signals via G(s)-alpha family of G-proteins (PubMed:22025619, PubMed:22575658). Has protumorigenic function especially in glioblastoma (PubMed:27775701).

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Cellular Location
Cell membrane; Multi-pass membrane protein

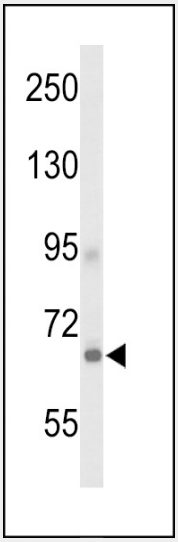
Tissue Location
Up-regulated in CD133(+) cell population of glioblastoma.

GPR133 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 Cytomety
- Cell Culture

GPR133 Antibody (Center) - Images



Western blot analysis of GPR133 Antibody (Center) (Cat. #AP9499c) in 293 cell line lysates (35ug/lane). GPR133 (arrow) was detected using the purified Pab.

GPR133 Antibody (Center) - Background

GPR133 is an orphan receptor.

GPR133 Antibody (Center) - References

Tonjes, A., et al. Hum. Mol. Genet. 18(23):4662-4668(2009)
Marroni, F., et al. Circ Cardiovasc Genet 2(4):322-328(2009)
Otowa, T., et al. J. Hum. Genet. 54(2):122-126(2009)