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ADGRD1 / GPR133 Antibody (Cytoplasmic Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10497

Specification

ADGRD1 / GPR133 Antibody (Cytoplasmic Domain) - Product Information

Application	**IHC, IHC-P**
Primary Accession	Q6QNK2
Reactivity	**Human, Rabbit, Monkey, Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**97kDa KDa**

ADGRD1 / GPR133 Antibody (Cytoplasmic Domain) - Additional Information

Gene ID 283383

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

Target/Specificity
Human GPR133. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
ADGRD1 / GPR133 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

ADGRD1 / GPR133 Antibody (Cytoplasmic Domain) - 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).

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location

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

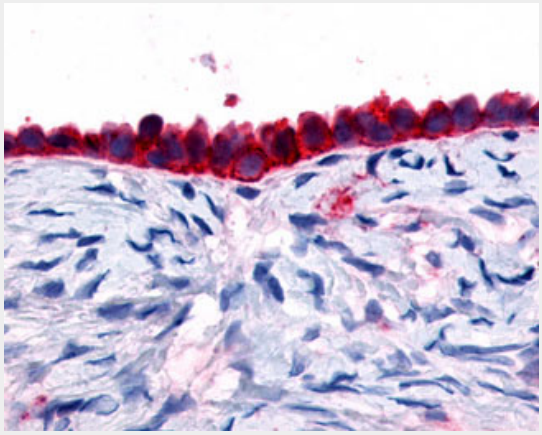
Volume
50 µl

ADGRD1 / GPR133 Antibody (Cytoplasmic Domain) - Protocols

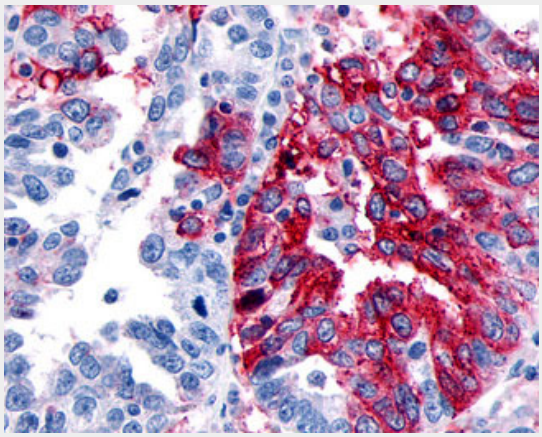
Provided below are standard protocols that you may find useful for product applications.

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

ADGRD1 / GPR133 Antibody (Cytoplasmic Domain) - Images

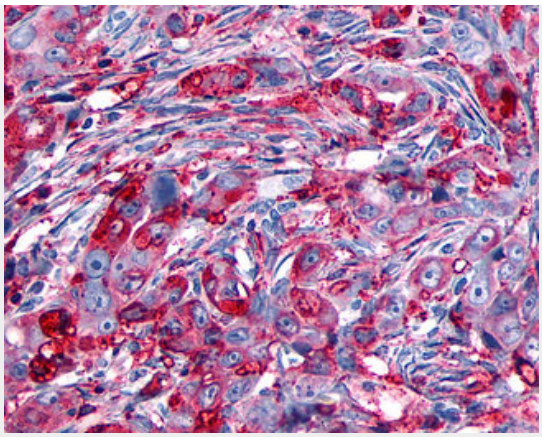


Anti-GPR133 antibody ALS10497 IHC of human ovary, surface epithelium.

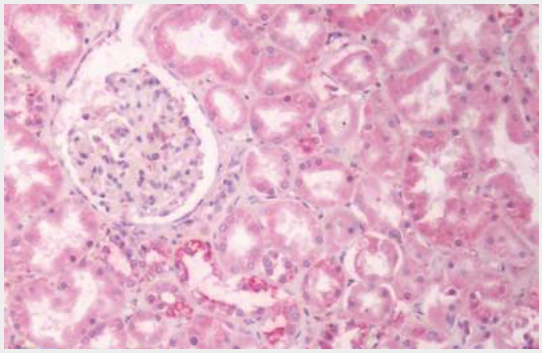


Anti-GPR133 antibody IHC of human Ovary, Carcinoma.

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Anti-GPR133 antibody IHC of human Ovary, Carcinoma.



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADGRD1 / GPR133 Antibody (Cytoplasmic Domain) - Background

Orphan receptor.

ADGRD1 / GPR133 Antibody (Cytoplasmic Domain) - References

Bonner T.I.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Bjarnadottir T.K.,et al.Genomics 84:23-33(2004).
Bonner T.I.,et al.Submitted (FEB-2008) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).