

**GPR68 / OGR1 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10292****Specification**

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**GPR68 / OGR1 Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q15743</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

**GPR68 / OGR1 Antibody (C-Terminus) - Additional Information****Gene ID** 8111**Other Names**

Ovarian cancer G-protein coupled receptor 1, OGR-1, G-protein coupled receptor 68, GPR12A, Sphingosylphosphorylcholine receptor, GPR68, OGR1

**Target/Specificity**

Human GPR68. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

GPR68 / OGR1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**GPR68 / OGR1 Antibody (C-Terminus) - Protein Information****Name** GPR68**Synonyms** OGR1**Function**

Proton-sensing receptor involved in pH homeostasis. May represents an osteoblastic pH sensor regulating cell-mediated responses to acidosis in bone. Mediates its action by association with G proteins that stimulates inositol phosphate (IP) production or Ca(2+) mobilization. The receptor is almost silent at pH 7.8 but fully activated at pH 6.8. Also functions as a metastasis suppressor gene in prostate cancer (By similarity).

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Found at low level in a wide range of tissues, but significantly expressed in lung, kidney, bone and nervous system

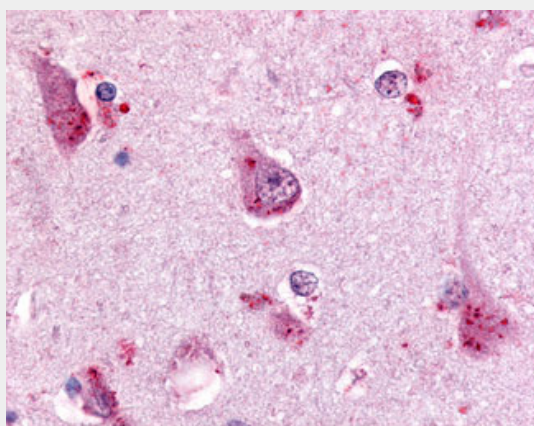
**Volume**

50 µl

**GPR68 / OGR1 Antibody (C-Terminus) - 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](#)

**GPR68 / OGR1 Antibody (C-Terminus) - Images**

Anti-GPR68 antibody ALS10292 IHC of human brain, cortex.

**GPR68 / OGR1 Antibody (C-Terminus) - Background**

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**GPR68 / OGR1 Antibody (C-Terminus) - References**

An S., et al. FEBS Lett. 375:121-124(1995).  
Xu Y., et al. Genomics 35:397-402(1996).  
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King M.M., et al. Submitted (APR-2004) to the EMBL/GenBank/DDBJ databases.  
Heilig R., et al. Nature 421:601-607(2003).