

Anti-GPR68 / OGR1 Antibody (Cytoplasmic Domain)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17539**Specification**

Anti-GPR68 / OGR1 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	Q15743
Predicted	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Bovine, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41077

Anti-GPR68 / OGR1 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 8111

Alias Symbol	GPR68
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Other Names
GPR68, Brgrb, G protein-coupled receptor 68, G-protein coupled receptor 68, OGR1, Brgr1, GPR12A, OGR-1

Target/Specificity

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

Reconstitution & Storage

Immunoaffinity purified

Precautions

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

Anti-GPR68 / OGR1 Antibody (Cytoplasmic Domain) - 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

Anti-GPR68 / OGR1 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 Cytometry](#)
- [Cell Culture](#)

Anti-GPR68 / OGR1 Antibody (Cytoplasmic Domain) - Images