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Anti-GPR68 / OGR1 Antibody (Extracellular Domain)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17540

Specification

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

Application	**IHC-P**
Primary Accession	Q15743
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**41077**

Anti-GPR68 / OGR1 Antibody (Extracellular Domain) - Additional Information

Gene ID 8111

Alias Symbol	**GPR68**

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 (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GPR68 / OGR1 Antibody (Extracellular 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 (Extracellular 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

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