

Anti-BOB / GPR15 Antibody (C-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17543**Specification**

Anti-BOB / GPR15 Antibody (C-Terminus) - Product Information

Application	IHC-P, E
Primary Accession	P49685
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40787
Dilution	IHC-P~~N/A E~~N/A

Anti-BOB / GPR15 Antibody (C-Terminus) - Additional Information**Gene ID 2838**Alias Symbol **GPR15****Other Names**

GPR15, Brother of Bonzo, G protein-coupled receptor 15, G-protein coupled receptor 15, BOB, Gpr-15

Target/Specificity

Human GPR15. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-BOB / GPR15 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-BOB / GPR15 Antibody (C-Terminus) - Protein Information**Name GPR15****Function**

G protein-coupled receptor that plays an important role in immune homeostasis (PubMed:33758080, PubMed:38918398). Acts via its natural ligand GPR15LG, a chemokine-like polypeptide strongly expressed in gastrointestinal tissues. GPR15-GPR15LG signaling axis regulates intestinal homeostasis and inflammation through the migration of immune cells (PubMed:33758080, PubMed:38918398). Controls thereby the specific homing of T-cells, particularly

FOXP3+ regulatory T-cells (Tregs), to the large intestine lamina propria (By similarity). Also required for skin localization of thymus-derived dendritic epidermal T-cells (By similarity). Plays an important role in mediating cytoprotective function as well as angiogenesis of thrombomodulin (By similarity). Mechanistically, preferentially signals through the Gi/o pathway to inhibit adenylate cyclase activity and activate a phosphatidylinositol- calcium second messenger system that regulates the release of Ca(2+) ions from intracellular stores (PubMed:35510660).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Highly expressed in lymphoid tissues, including macrophages and peripheral blood mononuclear cells

Anti-BOB / GPR15 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](#)

Anti-BOB / GPR15 Antibody (C-Terminus) - Images