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GPR25 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15494

Product Information

Application	WB
Primary Accession	O00155
Other Accession	NM_005298, NP_005289
Reactivity	Human, Mouse, Rat, Rabbit, Guinea Pig
Predicted	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38779

Additional Information

Gene ID	2848
Other Names	Probable G-protein coupled receptor 25, GPR25
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-GPR25 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	GPR25 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

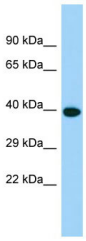
Name	GPR25 {ECO:0000303|PubMed:9020062, ECO:0000312|HGNC:HGNC:4480}
Function	Receptor for the C-X-C chemokine CXCL17, which plays a key role in lymphocyte homing (PubMed:39293486, PubMed:40279398). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors, such as RhoA pathway (PubMed:39293486). Activation by CXCL17 on lymphocytes activates the RhoA pathway, which regulates cytoskeletal dynamics and integrins, mediating lymphocyte recruitment into the respiratory, upper gastrointestinal, biliary and genito-urinary tracts (PubMed:39293486).
Cellular Location	Cell membrane; Multi-pass membrane protein

Tissue Location	Present on activated B- and T-cells.

References

Jung B.P.,et al.Biochem. Biophys. Res. Commun. 230:69-72(1997).
Jung B.P.,et al.Submitted (NOV-2003) to the EMBL/GenBank/DDBJ databases.

Images



Host: Rabbit
Target Name: GPR25
Sample Tissue: Fetal Heart lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.