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GPR25 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI15495

Product Information

Application	WB
Primary Accession	O00155
Other Accession	NM_005298, NP_005289
Reactivity	Human, Rabbit
Predicted	Human, Rabbit
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 - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

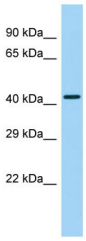
Name	GPR25 {ECO:0000303|PubMed:9020062, ECO:0000312|HGNC:HGNC:4480}
Function	Receptor for the C-X-C chemokine CXCL17, which plays a key role in lymphocyte homing (PubMed:39293486, PubMed:40279398). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (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: Placenta lysates
Antibody Dilution: 1.0µg/ml

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