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Anti-GPR25 Antibody

Catalog # AP53675

Product Information

Application	WB
Primary Accession	O00155
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38779

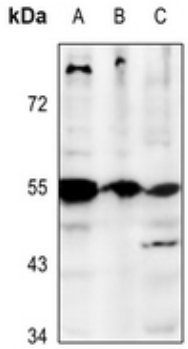
Additional Information

Gene ID	2848
Other Names	Probable G-protein coupled receptor 25
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR25. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

Images



Western blot analysis of GPR25 expression in A549 (A), LO2 (B), CT26 (C) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 55 kD)

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