

GPR25 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51958**Specification**

GPR25 Antibody - Product Information

Application	WB, E
Primary Accession	O00155
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39 KDa

GPR25 Antibody - Additional Information**Gene ID** 2848**Other Names**

Probable G-protein coupled receptor 25, GPR25

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR25. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

GPR25 Antibody - 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.

GPR25 Antibody - 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](#)

GPR25 Antibody - Images**GPR25 Antibody - Background**

Orphan receptor.

GPR25 Antibody - 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.