

GPR114 Polyclonal Antibody
Catalog # AP70140**Specification**

GPR114 Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	Q8IZF4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

GPR114 Polyclonal Antibody - Additional Information**Gene ID** 221188**Other Names**

GPR114; PGR27; Probable G-protein coupled receptor 114; G-protein coupled receptor PGR27

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

GPR114 Polyclonal Antibody - Protein Information**Name** ADGRG5**Synonyms** GPR114, PGR27**Function**

Adhesion G protein-coupled receptor (GPCR). Transduces intracellular signals through coupling to guanine nucleotide-binding protein G(s) subunit alpha and activation of adenylate cyclase pathway. Isoform 1, but not isoform 2, is constitutively active, as evidenced by elevated basal cAMP levels, and responds to mechanical activation (shaking).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q3V3Z3}; Multi-pass membrane protein

Tissue Location

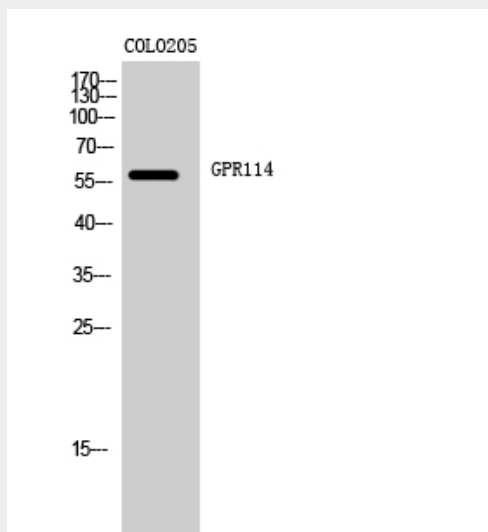
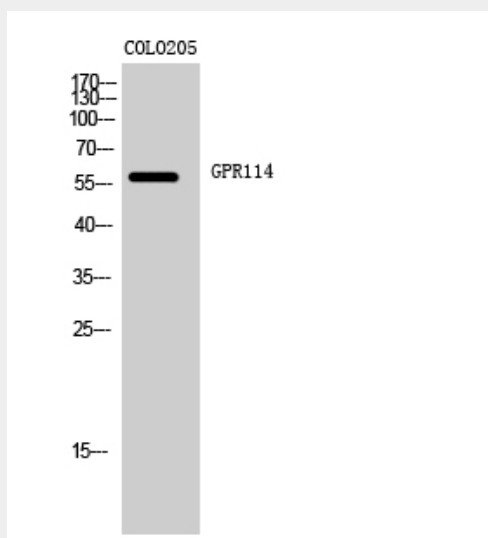
Expressed in immune cells. Primarily found in granulocytes. Found in eosinophils.

GPR114 Polyclonal 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](#)

GPR114 Polyclonal Antibody - Images



GPR114 Polyclonal Antibody - Background

Adhesion G protein-coupled receptor (GPCR). Transduces intracellular signals through coupling to

guanine nucleotide- binding protein G(s) subunit alpha and activation of adenylate cyclase pathway. Isoform 1, but not isoform 2, is constitutively active, as evidenced by elevated basal cAMP levels, and responds to mechanical activation (shaking).