

GPR34 Polyclonal Antibody
Catalog # AP70197**Specification****GPR34 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q9UPC5
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal

GPR34 Polyclonal Antibody - Additional Information**Gene ID** 2857**Other Names**

GPR34; Probable G-protein coupled receptor 34

Dilution

WB~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

Format

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

Storage Conditions

-20°C

GPR34 Polyclonal Antibody - Protein Information**Name** GPR34**Function**

G-protein-coupled receptor of lysophosphatidylserine (LysoPS) that plays different roles in immune response (PubMed: <http://www.uniprot.org/citations/16460680> target="_blank">16460680). Acts a damage-sensing receptor that triggers tissue repair upon recognition of dying neutrophils (By similarity). Mechanistically, apoptotic neutrophils release lysophosphatidylserine that are recognized by type 3 innate lymphoid cells (ILC3s) via GPR34, which activates downstream PI3K-AKT and RAS-ERK signaling pathways leading to STAT3 activation and IL-22 production (By similarity). Plays an important role in microglial function, controlling morphology and phagocytosis (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

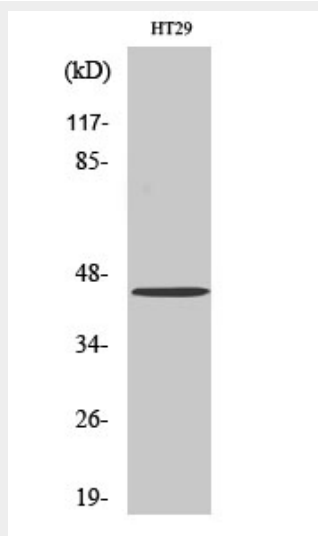
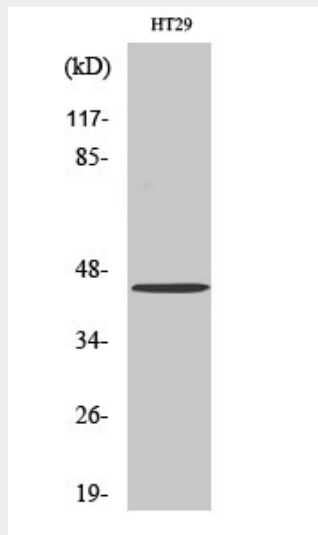
Broadly expressed. Highly expressed on mast cells (PubMed:16460680).

GPR34 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](#)

GPR34 Polyclonal Antibody - Images



GPR34 Polyclonal Antibody - Background

Orphan receptor.