

# GPR34 Polyclonal Antibody

Catalog # AP70197

## Product Information

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<b>Application</b>	WB, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q9UPC5</a>
<b>Reactivity</b>	Human, Mouse, Rat, Monkey
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	43860

## Additional Information

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<b>Gene ID</b>	2857
<b>Other Names</b>	GPR34; Probable G-protein coupled receptor 34
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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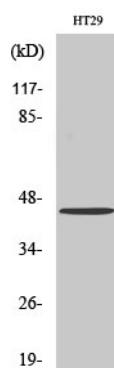
<b>Name</b>	GPR34
<b>Function</b>	G-protein-coupled receptor of lysophosphatidylserine (LysoPS) that plays different roles in immune response (PubMed: <a href="#">16460680</a> ). Acts a damage-sensing receptor that triggers tissue repair upon recognition of dying neutrophils (By similarity). Mechanistically, 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).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein
<b>Tissue Location</b>	Broadly expressed. Highly expressed on mast cells (PubMed: <a href="#">16460680</a> ).

## Background

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## Images

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Western Blot analysis of various cells using GPR34 Polyclonal Antibody

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