

Product datasheet for **AP51926PU-N**

GPR34 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	This antibody is suitable for immunohistochemistry on paraffin sections and Western blotting. The suggested dilution is: Immunohistochemistry on paraffin sections 1/10-1/50. Western blotting: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the central region (between 239-269aa) of human GPR34.
Specificity:	This antibody detects human GPR34.
Formulation:	PBS with 0.09% (W/V) Sodium Azide. State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a protein A column; followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	G protein-coupled receptor 34
Database Link:	Entrez Gene 2857 Human Q9UPC5



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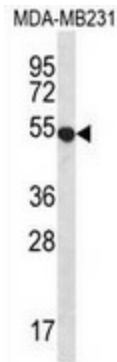
Background: G protein-coupled receptors (GPCRs), such as GPR34, are integral membrane proteins containing 7 putative transmembrane domains (TMs). These proteins mediate signals to the interior of the cell via activation of heterotrimeric G proteins that in turn activate various effector proteins, ultimately resulting in a physiologic response.

Synonyms: G-protein coupled receptor 34

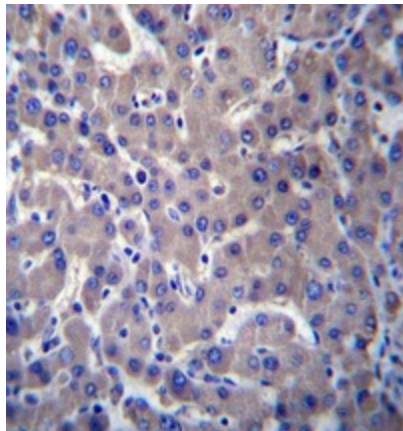
Note: **Molecular Weight:** 43860 Da

Protein Families: Druggable Genome, GPCR, Transmembrane

Product images:



Western blot analysis in MDA-MB231 cell line lysates (35ug/lane) using GPR34 antibody. This demonstrates the GPR34 antibody detected the GPR34 protein (arrow).



Immunohistochemistry analysis in human liver tissue (formalin-fixed, paraffin-embedded) using GPR34 antibody., followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GPR34 antibody for IHC. Clinical relevance has not been evaluated.