

Datasheet for ABIN656767
anti-GPR34 antibody (AA 232-261)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	GPR34
Binding Specificity:	AA 232-261
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR34 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GPR34 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-261 amino acids from the Central region of human GPR34.
Clone:	RB32575
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GPR34
Alternative Name:	GPR34 (GPR34 Products)

Target Details

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.
Molecular Weight:	43860
Gene ID:	2857
NCBI Accession:	NP_001091048 , NP_005291
UniProt:	Q9UPC5

Application Details

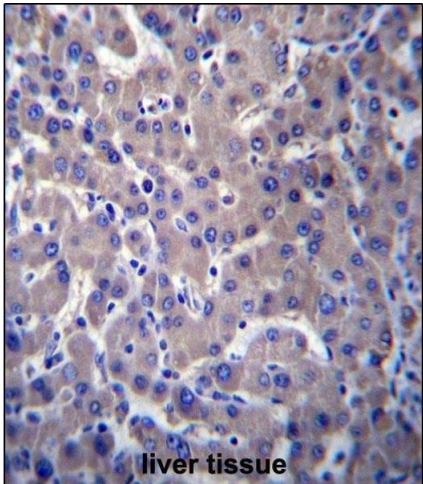
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	GPR34 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

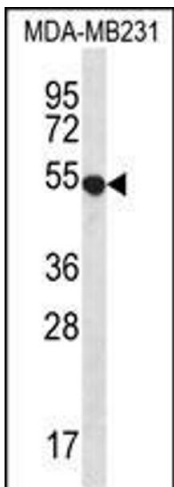
Publications

Product cited in:	Hasegawa, Patel, Ettehadieh, Li, Lim: "Topogenesis and cell surface trafficking of GPR34 are facilitated by positive-inside rule that effects through a tri-basic motif in the first intracellular loop." in: Biochimica et biophysica acta , Vol. 1863, Issue 7 Pt A, pp. 1534-51, (2016) (PubMed).
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. GPR34 Antibody (Center) (ABIN656767 and ABIN2845988) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GPR34 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. GPR34 Antibody (Center) (ABIN656767 and ABIN2845988) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the GPR34 antibody detected the GPR34 protein (arrow).