

Datasheet for ABIN389217
anti-LGR5 antibody (AA 605-638)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	LGR5
Binding Specificity:	AA 605-638
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGR5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This LGR5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 605-638 amino acids from human LGR5.
Clone:	RB14210
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	LGR5
Alternative Name:	LGR5 (GPR49) (LGR5 Products)

Target Details

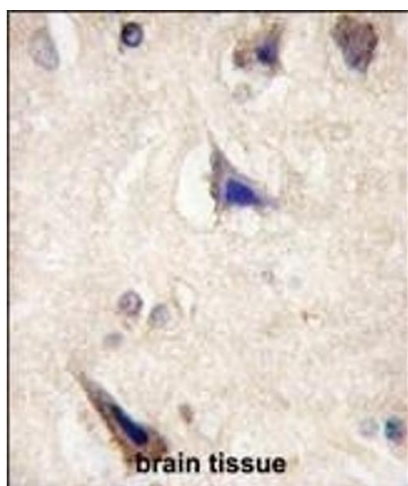
Background:	LGR5/GPR49 is an orphan receptor. It may be an important receptor for signals controlling growth and differentiation of specific embryonic tissues.
Molecular Weight:	99998
Gene ID:	8549
NCBI Accession:	NP_001264155 , NP_003658
UniProt:	O75473
Pathways:	WNT Signaling

Application Details

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

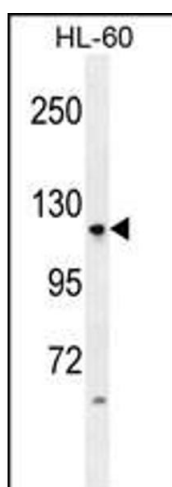
Handling

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with LGR5/GPR49 antibody (loop1) (ABIN389217 and ABIN2839372), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. LGR5/GPR49 Antibody (loop1) western blot analysis in HL-60 cell line lysates (35 µg/lane). This demonstrates the LGR5/GPR49 antibody detected the LGR5/GPR49 protein (arrow).