Datasheet for ABIN357894

anti-LGR5 antibody (AA 451-480)

3 Images

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Overview

Quantity:	0.4 mL
Target:	LGR5
Binding Specificity:	AA 451-480
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGR5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 451-480 amino acids from the center region of human LGR5/GPR49. Genename: LGR5
Isotype:	Ig Fraction
Specificity:	This antibody detects LGR5/GPR49 (Center).
Purification:	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.Synonyms: G-protein coupled receptor 49, G-protein coupled receptor 67, G-protein coupled receptor HG38, GPR67, HG38, Leucine-rich repeat-containing G-protein coupled receptor 5
Molecular Weight:	99867 Da
Gene ID:	8549, 9606
UniProt:	O75473
Pathways:	WNT Signaling

Application Details

Application Notes:	ELISA: 1/1,000. Western BLot: 1/50-1/100. Immunohistochemistry: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

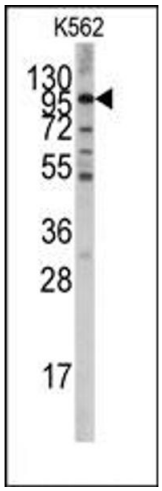

Image 1.

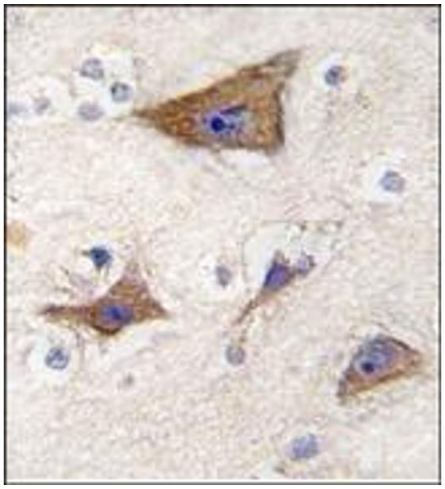

Image 2.

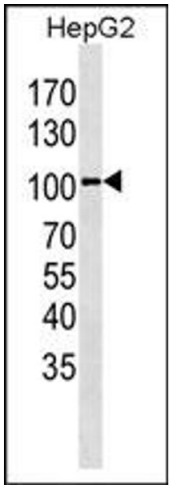

Image 3.