

Datasheet for ABIN3028793
anti-LGR5 antibody (AA 443-473)

5 Images

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Overview

Quantity:	0.4 mL
Target:	LGR5
Binding Specificity:	AA 443-473
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGR5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 443-473 from the human protein was used as the immunogen for this GPR49 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine
Purification:	Purified

Target Details

Target:	LGR5
Alternative Name:	GPR49 (LGR5 Products)
Background:	LGR5/GPR49 is an orphan receptor. It may be an important receptor for signals controlling

Target Details

	growth and differentiation of specific embryonic tissues.
UniProt:	O75473
Pathways:	WNT Signaling

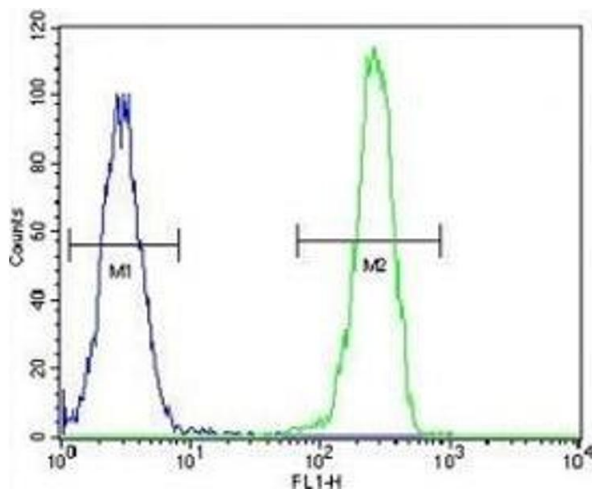
Application Details

Application Notes:	Titration of the GPR49 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

Handling

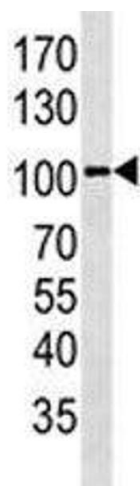
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the GPR49 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



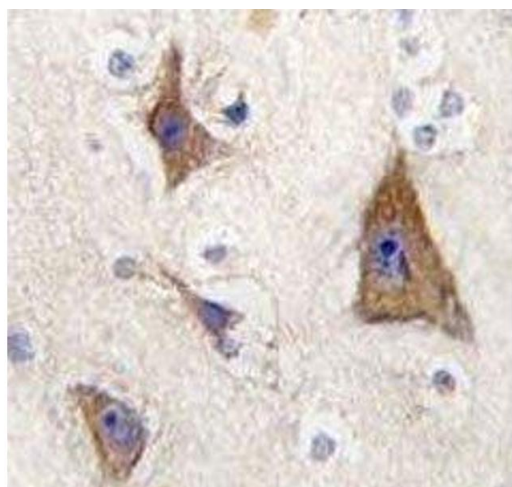
Flow Cytometry

Image 1. GPR49 antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. GPR49 antibody western blot analysis in HepG2 lysate



Immunohistochemistry

Image 3. IHC analysis of FFPE human brain tissue stained with GPR49 antibody

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3028793.