.-online.com antibodies

Datasheet for ABIN7316916 LGR5 Protein (His tag)

Background:



Overview	
Quantity:	100 µg
Target:	LGR5
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LGR5 protein is labelled with His tag.
Product Details	
Purpose:	Cynomolgus LGR5 / GPR49 protein, His Tag
Sequence:	Ser 22 - Gly 557
Characteristics:	Cynomolgus LGR5, His Tag is expressed from human 293 cells (HEK293). It contains AA Ser 22 - Gly 557 (Accession # G7PI19-1).
Purity:	95,00 %
Endotoxin Level:	1.0 EU per µg
Target Details	
Target:	LGR5
Alternative Name:	LGR5 (LGR5 Products)

Synonyms:LGR5, GPR49, GPR67, G-protein coupled receptor 49, G-protein coupled receptor 67,

G-protein coupled receptor HG38, Leucine-rich repeat-containing G-protein coupled receptor

5,Description:LGR5 (also known as GPR49) is a seven-transmembrane protein of the class A

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN7316916 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

Target I	Details
----------	---------

	Rhodopsin-like family of GPCRs. LGR5 and LGR4 bind the R-spondins with high affinity and
	mediate the potentiation of Wnt/ β -catenin signaling by enhancing Wnt-induced LRP6
	phosphorylation. The LGR5/RSPO complex could promote Wnt signalling via the neutralization
	of two transmembrane E3 ligases, RNF43 and ZNRF3.
Molecular Weight:	61.7 kDa
Pathways:	WNT Signaling
Application Details	
Comment:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of
	61.7 kDa. The protein migrates as 66-70 kDa under reducing (R) condition (SDS-PAGE) due to
	glycosylation.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C