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Datasheet for ABIN7158137 **anti-LGR6 antibody (AA 839-962) (HRP)**

Overview

Quantity:	100 µg
Target:	LGR6
Binding Specificity:	AA 839-962
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGR6 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Leucine-rich repeat-containing G-protein coupled receptor 6 protein (839-962AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LGR6
Alternative Name:	LGR6 (LGR6 Products)
Background:	Background: Receptor for R-spondins that potentiates the canonical Wnt signaling pathway and

Target Details

acts as a marker of multipotent stem cells in the epidermis. Upon binding to R-spondins (RSP01, RSP02, RSP03 or RSP04), associates with phosphorylated LRP6 and frizzled receptors that are activated by extracellular Wnt receptors, triggering the canonical Wnt signaling pathway to increase expression of target genes. In contrast to classical G-protein coupled receptors, does not activate heterotrimeric G-proteins to transduce the signal. May act as a tumor suppressor.

Aliases: FLJ14471 antibody, Gonadotropin receptor antibody, GPCR antibody, Leucine rich repeat containing G protein coupled receptor 6 antibody, Leucine-rich repeat-containing G-protein coupled receptor 6 antibody, Lgr6 antibody, LGR6_HUMAN antibody, VTS20631 antibody

UniProt: [Q9HBX8](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.