



# Anti-LGR6 (aa 403-496) polyclonal antibody (DPAB-DC2680)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane protein superfamily. The encoded protein is a glycoprotein hormone receptor with a large N-terminal extracellular domain that contains leucine-rich repeats important for the formation of a horseshoe-shaped interaction motif for ligand binding. Alternative splicing of this gene results in multiple transcript variants.
<b>Immunogen</b>	LGR6 (NP_067649, 403 a.a. ~ 496 a.a) partial recombinant protein with GST tag. The sequence is ALSQAFSKDSFPKLRILEVPYAYQCCPYGMCASFFKASGQWEAEDLHLDDEESSKRPLGL LARQAENHYDQDLDELQLEMEDSKPHPSVQCSPT
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">LGR6 leucine-rich repeat containing G protein-coupled receptor 6 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	LGR6
<b>Synonyms</b>	LGR6; leucine-rich repeat containing G protein-coupled receptor 6; GPCR; VTS20631; leucine-rich repeat-containing G-protein coupled receptor 6; gonadotropin receptor; leucine-rich repeat-containing G protein-coupled receptor 6;
<b>Entrez Gene ID</b>	<a href="#">59352</a>
<b>Protein Refseq</b>	<a href="#">NP_001017403</a>
<b>UniProt ID</b>	<a href="#">Q9HBX8</a>
<b>Chromosome Location</b>	1q32.1
<b>Pathway</b>	GPCRs, Other; Signaling by Wnt; regulation of FZD by ubiquitination;
<b>Function</b>	NOT G-protein coupled receptor activity; protein binding; transmembrane signaling receptor activity;