

For Research Use Only

LGR6 Polyclonal antibody

Catalog Number: 17658-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

17658-1-AP

Concentration:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11909

GenBank Accession Number:

BC047905

GeneID (NCBI):

59352

UNIPROT ID:

Q9HBX8

Full Name:

leucine-rich repeat-containing G protein-coupled receptor 6

Calculated MW:

915 aa, 99 kDa

Observed MW:

104 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HUVEC cells, human brain tissue, mouse testis tissue, HeLa cells, LNCaP cells, PC-3 cells

IHC: human testis tissue, human spleen tissue, human ovary tissue

Background Information

LGR6 (Leucine-rich repeat-containing G-protein coupled receptor 6) is a seven-transmembrane protein. LGR6 is a high affinity receptor of R-spondins that potentiates the canonical Wnt signaling pathway and acts as a marker of multipotent stem cells in the epidermis. It potentially functions as a tumor suppressor. (PMID: 20223988; 20417836; 22615920)

Notable Publications

Author	Pubmed ID	Journal	Application
Nan Chiang	31657786	J Clin Invest	
Raquel Rodrigues	31163044	PLoS One	WB
Vikram Khedgikar	30828690	JBMR Plus	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

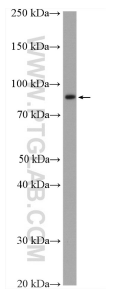
T: 4006900926

E: Proteintech-CN@ptglab.com

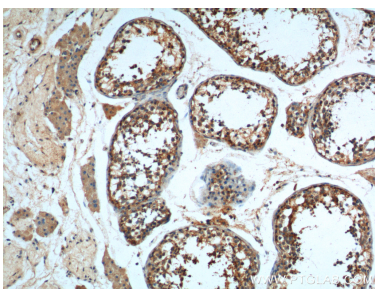
W: ptgcn.com

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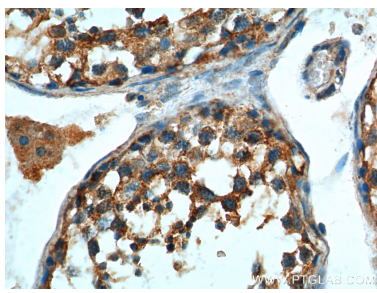
Selected Validation Data



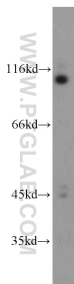
HUVEC cells were subjected to SDS PAGE followed by western blot with 17658-1-AP (LGR6 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



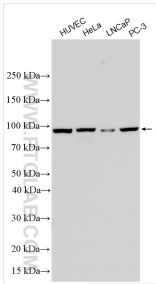
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17658-1-AP (LGR6 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17658-1-AP (LGR6 Antibody) at dilution of 1:200 (under 40x lens).



mouse testis tissue were subjected to SDS PAGE followed by western blot with 17658-1-AP (LGR6 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 17658-1-AP (LGR6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.