

GPCR ORF4/GPCR GPR137 Rabbit pAb

Catalog # AP97478

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96N19
Other Accession	Q96N19
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46059
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GPCR ORF4/GPCR GPR137
Epitope Specificity	201-300/417
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the GPR137 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GPR-137 is a 417 amino acid multi-pass membrane protein that belongs to the GPR-137 family. Existing as three alternatively spliced isoforms, the gene encoding GPR-137 maps to human chromosome 11q13.1.

Additional Information

Gene ID	56834
Other Names	C11orf4; GPR137A; TM7SF1L1; G137A_HUMAN; GPR137; Transmembrane 7 superfamily member 1-like 1 protein; G protein-coupled receptor 137
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GPR137
Synonyms	C11orf4, GPR137A, TM7SF1L1
Function	Lysosomal integral membrane protein that may regulate MTORC1 complex

translocation to lysosomes (PubMed:[31036939](#)). May play a role in autophagy (PubMed:[31036939](#)).

Cellular Location

Lysosome membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.