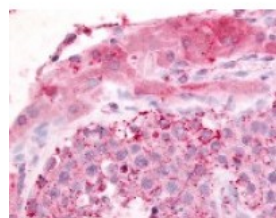




GPR182 Antibody

CATALOG NUMBER: 48-232



Immunohistochemistry staining of
GPR182 in testis tissue using GPR182
Antibody.

Specifications

SPECIES REACTIVITY:	Gorilla, Human
TESTED APPLICATIONS:	ELISA, IHC
APPLICATIONS:	GPR182 antibody can be used in ELISA, and immunohistochemistry starting at 5 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
IMMUNOGEN:	GPR182 antibody was raised against a peptide located in the N-Terminal domain of GPR182 (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.1% sodium azide.
STORAGE CONDITIONS:	GPR182 antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	GPR182, 7TMR, Adrenomedullin L1 receptor, AM-R, AMR, ADMR, Adrenomedullin receptor, G protein-coupled receptor 182, HrhAMR, G-protein coupled receptor 182, Gamrh, HAMR, RAMR, G10D
ACCESSION NO.:	O15218
PROTEIN GI NO.:	10719861
OFFICIAL SYMBOL:	GPR182
GENE ID:	11318

Background

BACKGROUND:

G Protein-Coupled Receptor L1/G10D (GPR182) has been suggested to be an Adrenomedullin Receptor. Originally cloned from rats and later from humans, L1/G10D does not bind adrenomedullin or display functional cAMP response to adrenomedullin (reviewed in Poyner et al. 2002). The initial experimental results, which demonstrated high-affinity binding and increased levels of cAMP in COS cells that were transfected with L1/G10D and treated with adrenomedullin, could not be reproduced by other laboratories (Kapas et al. 1995). It is now known that the functional adrenomedullin receptor is a heterodimeric complex composed of calcitonin receptor-like receptor (CRLR) and receptor activity modifying proteins (RAMPs) (McLatchie et al. 1998). L1/G10D therefore should be considered an Orphan A receptor.

FOR RESEARCH USE ONLY

December 13, 2016