

Datasheet for ABIN2467014
anti-GPR3 antibody (N-Term)



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1 Image

Overview

Quantity:	0.05 mg
Target:	GPR3
Binding Specificity:	N-Term
Reactivity:	Human, Monkey, Gibbon, Gorilla
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	GPR3 antibody was raised against a peptide located in the N-Terminal extracellular domain of GPR3 (Human).
Specificity:	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except CASKIN2 (53â€™%), INPPL1 (47â€™%).
Purification:	Immunoaffinity Chromatography

Target Details

Target:	GPR3
Alternative Name:	GPR3 (GPR3 Products)
Background:	GPR3 has been identified as a constitutively active lysophospholipid/lysosphingolipid receptor. GPR3 receptor is a link in communication between the somatic cells and oocyte of the ovarian

Target Details

follicle where GPR3 maintains meiotic arrest in mouse oocytes. Oocytes from Gpr3 knockout mice resume meiosis within antral follicles, independently of an increase in luteinizing hormone, and this phenotype Mice deficient in GPR3 exhibit premature ovarian failure due to early oocyte aging (Ledent et al. 2005).

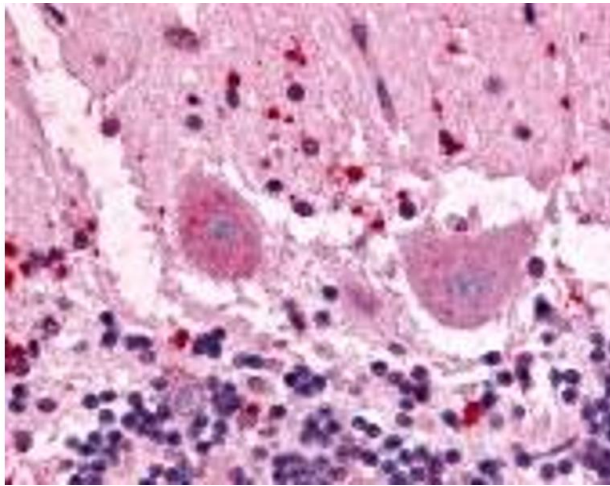
Gene ID:	2827
UniProt:	P46089
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	GPR3 antibody can be used in ELISA, and immunohistochemistry starting at 3 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	As with all antibodies avoid freeze/thaw cycles.
Storage:	4 °C/-80 °C
Storage Comment:	GPR3 antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C.



Immunohistochemistry

Image 1.