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Datasheet for ABIN6281575
anti-GPR18 antibody (Internal Region)

Overview

Quantity:	50 µL
Target:	GPR18
Binding Specificity:	AA 160-240, Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	GPR18 is a protein encoded by the GPR18 gene which is approximately 38,1 kDa. GPR18 is localised to the cell membrane. It is involved in peptide ligand-binding receptors and signalling by GPCR. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. It may contribute to the regulation of the immune system and plays a role in hypotensive responses, mediating reduction in intraocular and blood pressure. GPR18 is most abundant in the testis and spleen. STJ93370 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of GPR18 protein.
Immunogen:	Synthesized peptide derived from human GPR18
Isotype:	IgG

Product Details

Specificity:	GPR18 Polyclonal Antibody detects endogenous levels of GPR18 protein.
Characteristics:	Rabbit polyclonal to GPR18.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	GPR18
Alternative Name:	GPR18 (GPR18 Products)
Molecular Weight:	34 kDa
Gene ID:	2841
UniProt:	Q14330

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:5000
Comment:	Expressed in midpiece of spermatozoon (at protein level) . Most abundant in testis and spleen . Highly expressed in CD4 and CD8-positive T-cells as well as CD19-positive B-cells .
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.