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Datasheet for ABIN1387839

anti-G Protein-Coupled Receptor 116 antibody (AA 501-600)

Overview

Quantity:	100 µL
Target:	G Protein-Coupled Receptor 116 (GPR116)
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G Protein-Coupled Receptor 116 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human G protein coupled receptor 116
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	G Protein-Coupled Receptor 116 (GPR116)
Alternative Name:	GPR116 (GPR116 Products)

Target Details

Background:	<p>Synonyms: DKFZp56401923, FLJ90640, G protein coupled receptor 116, G protein coupled receptor 116, GP116_HUMAN, GPR116, Ig Hepta homolog, KIAA0758, KIAA0758, KPG_001, OTTHUMP00000016557, Probable G protein coupled receptor 116, Probable G-protein coupled receptor 116_ GPCR GPR116.</p> <p>Background: G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR116 (G protein-coupled receptor 116) is a 1,346 amino acid multi-pass membrane protein that contains one SEA domain, one GPS domain and three Ig-like domains and belongs to the GPR family. Existing as a disulfide-linked homodimer at the cell surface, GPR116 exists as multiple alternatively spliced isoforms and is thought to play a role in regulating and maintaining proper acid-base balance throughout the cell.</p>
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Pathways:	Carbohydrate Homeostasis
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Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months