.-online.com antibodies

Datasheet for ABIN952589 anti-GPER antibody (C-Term)

2 Images



Overview

Quantity:	0.4 mL
Target:	GPER
Binding Specificity:	AA 345-375, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPER antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 345-375 amino acids from the C-terminal region of human GPER
lsotype:	Ig Fraction
Specificity:	This antibody reacts to GPER.
Cross-Reactivity (Details):	Species reactivity (tested):Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	GPER
Alternative Name:	GPER / GPR30 (GPER Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN952589 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Target Details

Background:	This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass
	membrane protein that localizes to the endoplasmic reticulum. The protein binds estrogen,
	resulting in intracellular calcium mobilization and synthesis of phosphatidylinositol 3,4,5-
	trisphosphate in the nucleus. This protein therefore plays a role in the rapid nongenomic
	signaling events widely observed following stimulation of cells and tissues with estrogen.
	Alternate transcriptional splice variants which encode the same protein have been
	characterized. [provided by RefSeq].Synonyms: CEPR, CMKRL2, Chemoattractant receptor-like
	2, DRY12, FEG1, Flow-induced endothelial G-protein coupled receptor 1, G-protein coupled
	estrogen receptor 1, G-protein coupled receptor 30, GPCR-BR, IL8-related receptor DRY12,
	LYGPR, Lymphocyte-derived G-protein coupled receptor
Molecular Weight:	42248 Da
Gene ID:	2852
NCBI Accession:	NP_001035055
Pathways:	EGFR Signaling Pathway, Positive Regulation of Peptide Hormone Secretion, Intracellular
	Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway,
	Carbohydrate Homeostasis, cAMP Metabolic Process, Regulation of G-Protein Coupled
	Receptor Protein Signaling, Positive Regulation of Endopeptidase Activity, Regulation of
	Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) 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:	Avoid repeated freezing and thawing.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN952589 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Handling

Storage:	4 °C/-20 °C

Storage Comment:

Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Western Blotting

Image 1. GPER Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35µg/lane).This demonstrates the GPER antibody detected the GPER protein (arrow).

Western Blotting

Image 2. GPER Antibody (C-term) western blot analysis in mouse liver tissue lysates (35µg/lane). This demonstrates the GPER antibody detected the GPER protein (arrow).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN952589 | 09/12/2023 | Copyright antibodies-online. All rights reserved.