

Datasheet for ABIN2789079

anti-GPER antibody (C-Term)

1 Image



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Quantity:	100 μL
Target:	GPER
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPER antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	NVFISVHLLQ RTQPGAAPCK QSFRHAHPLT GHIVNLAAFS NSCLNPLIYS	
Predicted Reactivity:	Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 79%, Rat: 100%, Yeast: 83%	
Characteristics:	aracteristics: This is a rabbit polyclonal antibody against GPER. It was validated on Western Blot.	
Purification:	Affinity Purified	

Target Details

Target:	GPER	
Alternative Name:	GPER (GPER Products)	
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.

Alias Symbols: CEPR, CMKRL2, DRY12, FEG-1, GPCR-Br, GPR30, LERGU2, LyGPR,

MGC99678, GPER

Protein Interaction Partner: UBC,

Protein Size: 375

Molecular Weight: 42 kDa

Gene ID: 2852

NCBI Accession: NM_001505, NP_001496

UniProt: Q99527

Pathways: EGFR Signaling Pathway, Positive Regulation of Peptide Hormone Secretion, Intracellular

Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway,

 ${\it Carbohydrate\ Homeostasis, cAMP\ Metabolic\ Process, Regulation\ of\ G-Protein\ Coupled}$

Receptor Protein Signaling, Positive Regulation of Endopeptidase Activity, Regulation of

Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 375 AA	
Restrictions:	For Research Use only	

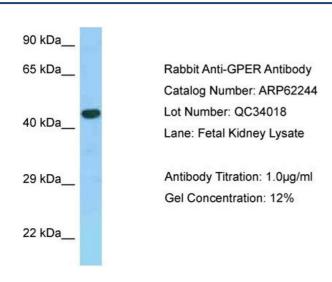
Handling

Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	

Handling

	should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	

Images



Western Blotting

Image 1.