Datasheet for ABIN870697

anti-GPR83 antibody (AA 17-30)

1 Image

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Overview

Quantity:	100 µg
Target:	GPR83
Binding Specificity:	AA 17-30
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GPR83 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GPR83 (aa17-30)
Immunogen:	Peptide with sequence TEPHEGRADEQSAE-C, from the N Terminus of the protein sequence according to NP_057624.3.
Sequence:	TEPHEGRADE QSAE
Isotype:	IgG
Specificity:	The immunizing peptide represents part of an extracellular domain.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

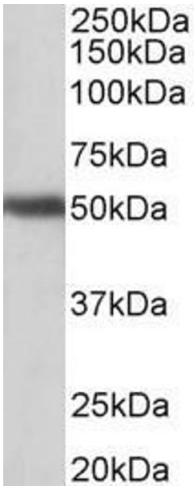
Target:	GPR83
Alternative Name:	GPR83 (GPR83 Products)
Background:	GPR83, G protein-coupled receptor 83, GIR, GPR72, G protein-coupled receptor 72, G-protein coupled receptor 72, glucocorticoid induced receptor, probable G-protein coupled receptor 83
Molecular Weight:	48.3kDa
Gene ID:	10888
NCBI Accession:	NP_057624

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Human Brain (Cerebellum, Cerebral Cortex and Amygdala) lysates (calculated MW of 48.3 kDa according to NP_057624.3). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN870697 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.