Datasheet for ABIN2789927

anti-G Protein-Coupled Receptor 12 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	G Protein-Coupled Receptor 12 (GPR12)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Pig, Cow, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G Protein-Coupled Receptor 12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human GPR12
Sequence:	SICLGLLPVM GWNCLRDEST CSVVRPLTKN NAAILSVSFL FMFALMLQLY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GPR12. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	G Protein-Coupled Receptor 12 (GPR12)
Alternative Name:	GPR12 (GPR12 Products)

Target Details

Background:	GPR12 promotes neurite outgrowth and blocks myelin inhibition in neurons. GPR12 is a receptor with constitutive G(s) signaling activity that stimulates cyclic AMP production. Alias Symbols: FLJ18149, FLJ97704, GPCR12, GPCR21, MGC138349, MGC138351 Protein Interaction Partner: PPP1CA, APP, Protein Size: 334
Molecular Weight:	37 kDa
Gene ID:	2835
NCBI Accession:	NM_005288, NP_005279
UniProt:	P47775

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 334 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 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.

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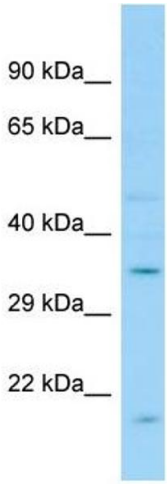

Western Blotting

Image 1. WB Suggested Anti-GPR12 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Liver

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