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anti-GPR135 antibody (Internal Region)

2 Images



Go to Product page

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Target:

Quantity:	100 μL
Target:	GPR135
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR135 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC)
Product Details	
	A synthesized peptide derived from human GPR135, corresponding to a region within the internal amino acids.
Immunogen:	
Immunogen:	internal amino acids.
Product Details Immunogen: Isotype: Specificity: Predicted Reactivity:	internal amino acids.
Immunogen: Isotype: Specificity:	internal amino acids. IgG GPR135 Antibody detects endogenous levels of total GPR135.

GPR135

Target Details

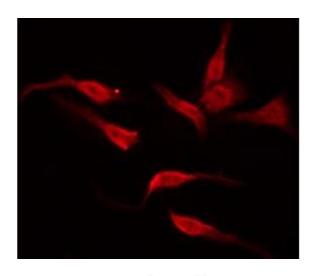
Alternative Name:	GPR135 (GPR135 Products)
Background:	Description: Orphan receptor. Has spontaneous activity for beta-arrestin recruitment (PubMed:28827538). Shows a reciprocal regulatory interaction with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed:28827538). Gene: GPR135
Molecular Weight:	48 kDa
Gene ID:	64582
UniProt:	Q8IZ08

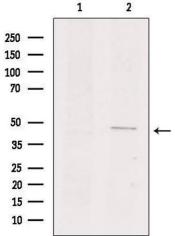
Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months





Immunofluorescence (fixed cells)

Image 1. ABIN6276010 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

Western Blotting

Image 2. Western blot analysis of extracts from mouse kidney, using GPR135 Antibody. Lane 1 was treated with the antigen-specific peptide.