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anti-G Protein-Coupled Receptor 132 antibody (C-Term)



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Overview		
Quantity:	100 μL	
Target:	G Protein-Coupled Receptor 132 (GPR132)	
Binding Specificity:	C-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This G Protein-Coupled Receptor 132 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	A synthesized peptide derived from human GPR132, corresponding to a region within C-terminal amino acids.	
Isotype:	IgG	
Specificity:	GPR132 Antibody detects endogenous levels of total GPR132.	
Predicted Reactivity:	Pig,Dog	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling	

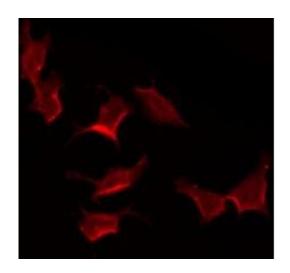
Target Details

Target: G Protein-Coupled Receptor 132 (GPR132)

Resin (Thermo Fisher Scientific).

Target Details

Alternative Name:	GPR132 (GPR132 Products)	
Background:	Description: May be a receptor for oxidized free fatty acids derived from linoleic and	
	arachidonic acids such as 9-hydroxyoctadecadienoic acid (9-HODE). Activates a G alpha	
	protein, most likely G alpha(q). May be involved in apoptosis. Functions at the G2/M checkpoin	
	to delay mitosis. May function as a sensor that monitors the oxidative states and mediates	
	appropriate cellular responses such as secretion of paracrine signals and attenuation of	
	proliferation. May mediate ths accumulation of intracellular inositol phosphates at acidic pH	
	through proton-sensing activity.	
	Gene: GPR132	
Molecular Weight:	42 kDa	
Gene ID:	29933	
UniProt:	Q9UNW8	
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. ABIN6275956 staining Hela 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