Datasheet for ABIN6259559

anti-GPR33 antibody (Internal Region)

2 Images

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Overview

Quantity:	100 µL
Target:	GPR33
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR33 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human GPR33, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	GPR33 Antibody detects endogenous levels of total GPR33.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	GPR33
Alternative Name:	GPR33 (GPR33 Products)

Target Details

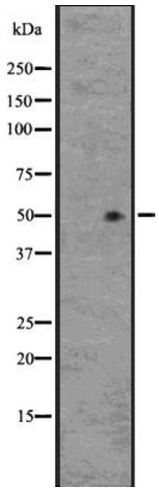
Background:	Description: Orphan receptor, could be a chemoattractant receptor. Gene: GPR33
Molecular Weight:	50 kDa
Gene ID:	2856
UniProt:	Q49SQ1

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

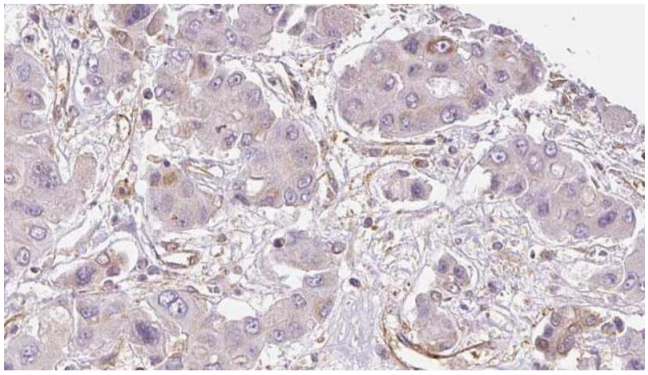
Handling

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
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of GPR33 expression in HEK293 cells ,The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6273934 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.