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Datasheet for ABIN6256842 anti-MRGPRD antibody (C-Term)

2 Images



Overview

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

Product Details

Immunogen:	A synthesized peptide derived from human MRGRD, corresponding to a region within C-terminal amino acids.
lsotype:	lgG
Specificity:	MRGRD Antibody detects endogenous levels of total MRGRD.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

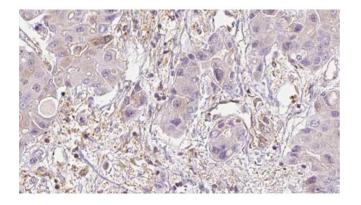
Target Details

Target:	MRGPRD
Alternative Name:	MRGPRD (MRGPRD Products)

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Target Details		
Background:	Description: May regulate nociceptor function and/or development, including the sensation or modulation of pain. Functions as a specific membrane receptor for beta-alanine. Beta-alanine at micromolar doses specifically evoked Ca2+ influx in cells expressing the receptor. Beta- alanine decreases forskolin-stimulated cAMP production in cells expressing the receptor, suggesting that the receptor couples with G-protein G(q) and G(i). Gene: MRGPRD	
Molecular Weight:	41 kDa,10 % SDS-PAGE	
Gene ID:	116512	
UniProt:	Q8TDS7	
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	

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Immunohistochemistry

Image 1. ABIN6273950 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.

Western Blotting

Image 2. Western blot analysis of MRGRD expression in A431 whole cell lysate ,The lane on the left is treated with the antigen-specific peptide.

