

Datasheet for ABIN6243208
anti-GPR56 antibody



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1 Image

Overview

Quantity:	400 µL
Target:	GPR56
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GPR56 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This antibody is generated from a mouse immunized with a recombinant protein.
Clone:	1443CT377-65-29
Isotype:	IgG1 kappa

Target Details

Target:	GPR56
Alternative Name:	GPR56 (GPR56 Products)
Background:	Involved in cell adhesion and probably in cell-cell interactions. Regulates the migration of neural precursor cells. Receptor for collagen III/COL3A1 in the developing brain and involved in regulation of cortical development, specifically in maintenance of the pial basemant membrane integrity and in cortical lamination. Binding to the COL3A1 ligand inhibits neuronal migration and activates the RhoA pathway by coupling to GNA13 and possibly GNA12. Isoforms show

Target Details

differences in receptor signaling, specifically in serum response element (SRE) transcriptional activation upon overexpression. Overexpression inhibits melanoma tumor growth and metastasis and, during melanoma progression, regulates VEGFA production and angiogenesis through PRKCA, unprocessed GPR56 is inhibiting and GPR56 NT is activating angiogenesis.

Molecular Weight: 77738

UniProt: [Q9Y653](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

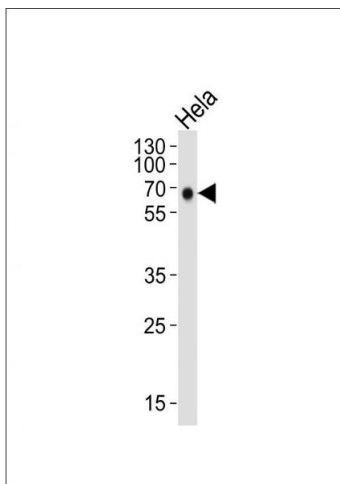
Handling

Format: Liquid

Storage: 4 °C,-20 °C

Expiry Date: 6 months

Images



Western Blotting

Image 1. Western blot analysis of lysate from HeLa cell line, using GPR56 (ABIN6243208 and ABIN6577094). (ABIN6243208 and ABIN6577094) was diluted at 1:2000. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.