Datasheet for ABIN7246271

anti-ROM1 antibody

2 Images

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Overview

Quantity:	200 µL
Target:	ROM1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human ROM1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	ROM1
Alternative Name:	ROM1 (ROM1 Products)
Background:	This gene is a member of a photoreceptor-specific gene family and encodes an integral membrane protein found in the photoreceptor disk rim of the eye. This protein can form homodimers or can heterodimerize with another photoreceptor, retinal degeneration slow (RDS). It is essential for disk morphogenesis, and may also function as an adhesion molecule

Target Details

	involved in the stabilization and compaction of outer segment disks or in the maintenance of the curvature of the rim. Certain defects in this gene have been associated with the degenerative eye disease retinitis pigmentosa.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 37 kDa
UniProt:	Q03395

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.9 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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. Avoid freeze / thaw cycles.

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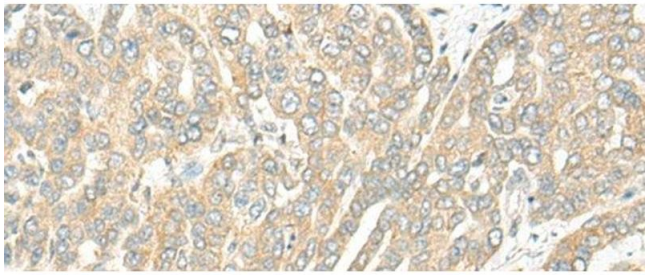
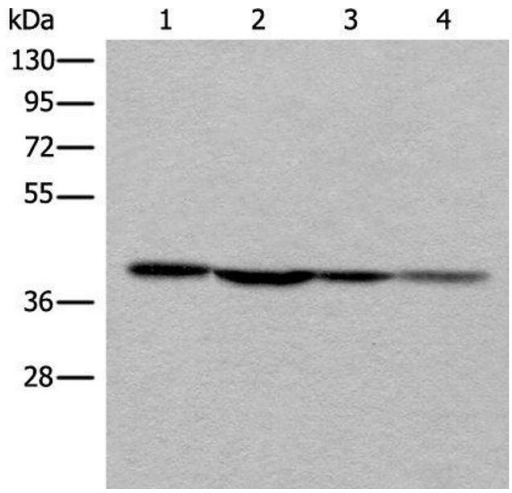


Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ROM1 Polyclonal Antibody at dilution of 1:25(x200)



Western Blotting

Image 2. Western blot analysis of 293T 231 and Hela cell lysates using ROM1 Polyclonal Antibody at dilution of 1:400