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Datasheet for ABIN7239959 anti-GREM1 antibody

Image



Overview

Quantity:	200 µL
Target:	GREM1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GREM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant protein of human GREM1
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	GREM1
Alternative Name:	GREM1 (GREM1 Products)
Background:	This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The
	CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect

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	of the secreted glycosylated protein encoded by this gene is likely due to its direct binding to
	BMP proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis,
	body patterning, and tissue differentiation. In mouse, this protein has been shown to relay the
	sonic hedgehog (SHH) signal from the polarizing region to the apical ectodermal ridge during
	limb bud outgrowth. Alternatively spliced transcript variants encoding different isoforms have
	been found for this gene.
Molecular Weight:	21 kDa
UniProt:	O60565

Pathways:

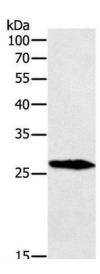
Regulation of Muscle Cell Differentiation, Tube Formation, Maintenance of Protein Location

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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.



Western Blotting

Image 1. Western Blot analysis of Mouse testis tissue using GREM1 Polyclonal Antibody at dilution of 1:700

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