

## GREM1 Antibody

Catalog No: #35761

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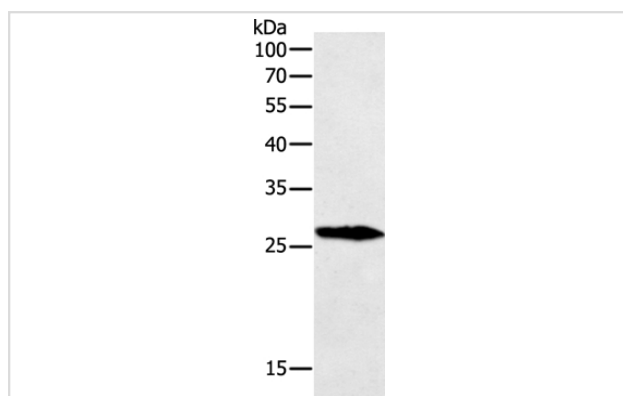
## Description

Product Name	GREM1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total GREM1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Gremlin 1
Target Name	GREM1
Other Names	DRM; PIG2; DAND2; IHG-2; GREMLIN; CKTSF1B1
Accession No.	Swiss-Prot#: O60565NCBI Gene ID: 26585Gene Accssion: BC069525
Uniprot	O60565
GeneID	26585;
SDS-PAGE MW	21kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

## Images



Gel: 12%SDS-PAGE  
 Lysates (from left to right): Mouse testis tissue  
 Amount of lysate: 40ug per lane  
 Primary antibody: 1/700 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 10 seconds

## 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 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.

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Note: This product is for in vitro research use only