

Rabbit GREM1 Polyclonal Antibody | anti-GREM1 antibody

GREM1 Polyclonal Antibody

CATALOG # AAA280839	HOST Rabbit	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	--

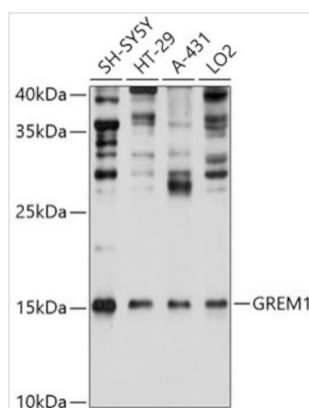
PRODUCT SYNONYMS

GREM1; Polyclonal Antibody; GREM1 Polyclonal Antibody; C15DUPq; CKTSF1B1; CRAC1; CRCS4; DAND2; DRM; DUP15q; GREMLIN; HMPS; HMPS1; IHG-2; MPSH; PIG2; anti-GREM1 antibody

PRODUCT SPECIFICATIONS

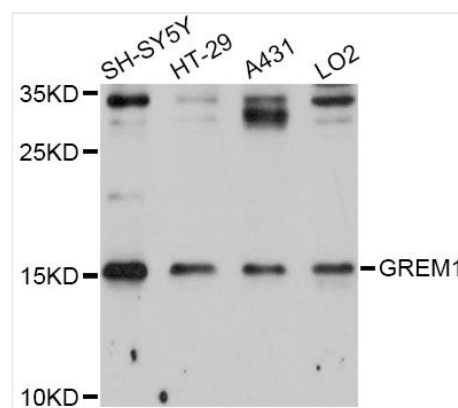
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH7.3.
Sequence Length	184
Applicable Applications for anti-GREM1 antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 44-143 of human GREM1 (NP_001178252.1).
Cross-Reactivity	Human
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using GREM1 Rabbit pAb (AAA280839) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GREM1 Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-GREM1 antibody	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.
Product Categories/Family for anti-GREM1 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	62510668
NCBI GeneID	26585
UniProt Accession #	O60565; Q52LV3; Q8N914; Q8N936
Molecular Weight	Calculated MW: 21kDa Observed MW: 15 kDa
NCBI Official Full Name	Gremlin-1
NCBI Official Synonym Full Names	gremlin 1, DAN family BMP antagonist
NCBI Official Symbol	GREM1
NCBI Official Synonym Symbols	DRM; HMPS; MPSH; PIG2; CRAC1; CRCS4; DAND2; HMPS1; IHG-2; DUP15q; C15DUPq; GREMLIN; CKTSF1B1
NCBI Protein Information	gremlin-1
UniProt Protein Name	Gremlin-1
UniProt Gene Name	GREM1
UniProt Synonym Gene Names	CKTSF1B1; DAND2; DRM; IHG-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.