

Rabbit anti-Human, Mouse Gremlin-2 Polyclonal Antibody | anti-GREM2 antibody

Gremlin-2 Polyclonal Antibody

CATALOG # AAA173925	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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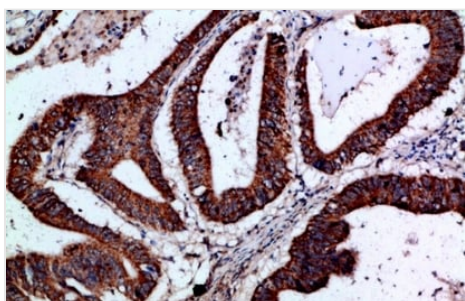
PRODUCT SYNONYMS

Gremlin-2; Polyclonal Antibody; Gremlin-2 Polyclonal Antibody; Gremlin-2 (Cysteine knot superfamily 1; BMP antagonist 2) (DAN domain family member 3) (Protein related to DAN and cerberus); anti-GREM2 antibody

PRODUCT SPECIFICATIONS

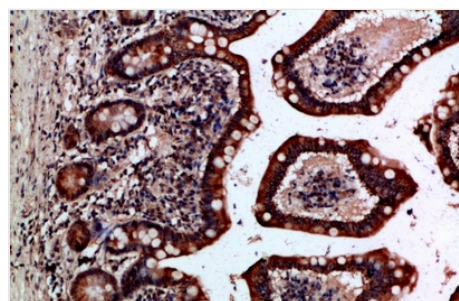
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	168
Applicable Applications for anti-GREM2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



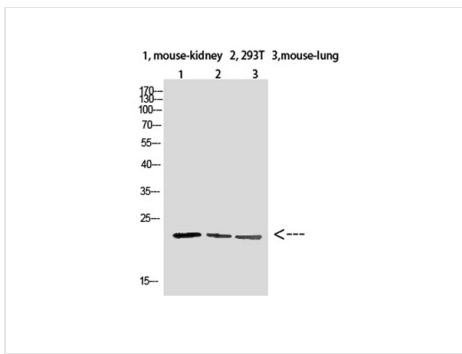
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using Gremlin-2 Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human small intestine tissue using Gremlin-2 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of Rat brain using Gremlin-2 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-GREM2 antibody

GREM2 (Gremlin 2, DAN Family BMP Antagonist) is a Protein Coding gene. Diseases associated with GREM2 include Tooth Agenesis, Selective, 9 and Auditory Agnosia. Among its related pathways are Signaling by GPCR and Signaling by BMP. GO annotations related to this gene include protein homodimerization activity and heparin binding. An important paralog of this gene is GREM1. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71164892
NCBI GeneID	64388
NCBI Accession #	NP_071914.3
NCBI GenBank Nucleotide #	NM_022469.3
UniProt Accession #	Q9H772; Q86UD9
Molecular Weight	19kDa
NCBI Official Full Name	gremlin-2
NCBI Official Synonym Full Names	gremlin 2, DAN family BMP antagonist
NCBI Official Symbol	GREM2
NCBI Official Synonym Symbols	PRDC; DAND3; STHAG9; CKTSF1B2
NCBI Protein Information	gremlin-2
UniProt Protein Name	Gremlin-2
UniProt Gene Name	GREM2
UniProt Synonym Gene Names	CKTSF1B2; DAND3; PRDC

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gremlin-2-antibody-immunohistochemistry-western-blot-elisa/173925>