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

GREM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323231	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot**

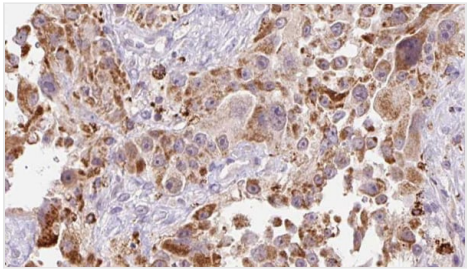
PRODUCT SYNONYMS

GREM2; Polyclonal Antibody; GREM2 Antibody; BMP antagonist 2; CKTSF1B2; Cysteine knot superfamily 1; Cysteine knot superfamily 1 BMP antagonist 2; DAN domain family member 3; DAND 3; DAND3; GREM 2; Grem2; GREM2_HUMAN; Gremlin 2; Gremlin 2 cysteine knot superfamily homolog; Gremlin-2; Gremlin2; PRDC; Protein related to DAN and cerberus; anti-GREM2 antibody

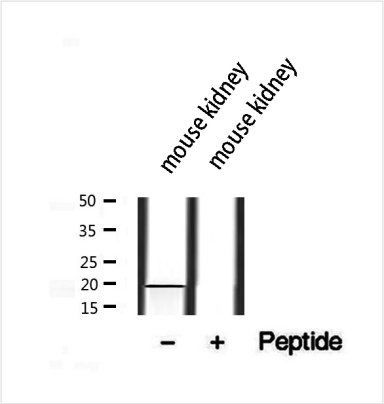
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GREM2 antibody detects endogenous levels of GREM2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	168
Applicable Applications for anti-GREM2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GREM2.
Subcellular Location	Secreted.
Predicted Cross Reactivity	**Pig, Horse, Rabbit, Dog, Chicken**
Similarity	Pig (90%), Horse (100%), Rabbit (90%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA323231 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from mouse kidney, using GREM2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GREM2 antibody	Function: Cytokine that inhibits the activity of BMP2 and BMP4 in a dose-dependent manner, and thereby modulates signaling by BMP family members. Contributes to the regulation of embryonic morphogenesis via BMP family members. Antagonizes BMP4-induced suppression of progesterone production in granulosa cells. Subunit Structure: Homodimer. Interacts with BMP2, BMP4 and BMP7, but has lower affinity for BMP7 than for BMP2 and BMP4. Binds heparin; this impairs the interaction with BMP2. Post-translational Modifications: N-glycosylated. Similarity: Belongs to the DAN family.

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	Observed: 19 kDa Predicted: 20 kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/grem2-antibody-immunohistochemistry-western-blot-elisa/323231