Anti-GREM2 Antibody

CATALOG NO: A1679-100 100 µl

ALTERNATIVE NAMES: 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

CONCENTRATION: 1 mg/ml

IMMUNOGEN: A synthesized peptide derived from human GREM2.

HOST/ISOTYPE: Rabbit IgG

CLONALITY: Polyclonal

MOL WEIGHT: 86 kDa

SPECIES REACTIVITY: Human, Mouse

PURIFICATION: Affinity purification

FORM: Liquid

FORMULATION: Supplied in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol

STORAGE CONDITIONS: For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

DESCRIPTION: 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.

APPLICATION: WB 1:500-1:2000, IHC 1:50-1:200, ELISA (peptide) 1:20000-1:40000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

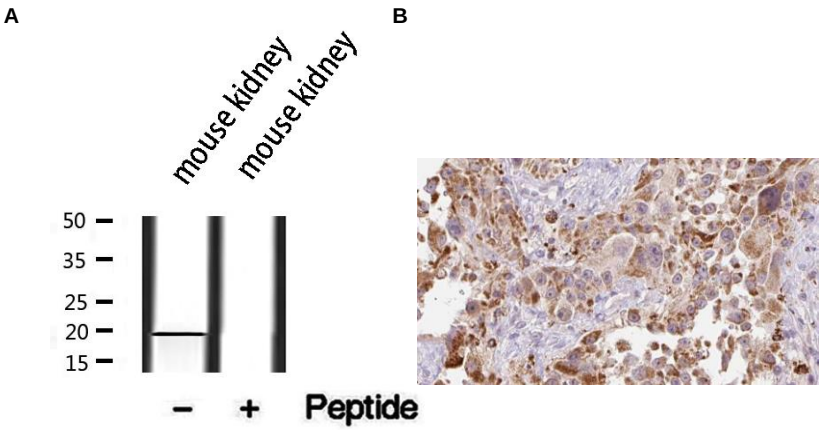

Fig. A. Western blot analysis of extracts from mouse kidney, using GREM2 antibody

Fig. B. IHC staining of Human Melanoma tissue using GREM2 antibody

RELATED PRODUCTS:

- Anti-Integrin beta-1 Rabbit Monoclonal Antibody **(Cat. No. A1598)**
- SCF Antibody **(Cat. No. 6646)**
- SCF Antibody **(Cat. No. 5328)**
- SCF Antibody **(Cat. No. 5327)**
- OCT4 (OCT3) Antibody **(Cat. No. 6765)**
- Anti-TF2L1 Antibody **(Cat. No. A1673)**
- Anti-DDIT3 Antibody **(Cat. No. A1674)**
- Anti-DDX3 Antibody **(Cat. No. A1675)**
- Anti-EHMT2 Antibody **(Cat. No. A1676)**

FOR RESEARCH USE ONLY! Not to be used on humans.