

**Anti-Human/Mouse GREM2 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA04860**

---

3th Edition

**Description:**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 morphogenetic 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.

**Antigen:**Synthetic peptide from human protein

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**