

Datasheet for ABIN5510700 **GREM2 ELISA Kit**



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1 Image

Overview

Quantity: 96 tests

Target: GREM2

Binding Specificity: AA 22-168

Reactivity: Rabbit

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of rabbit GREM2

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: E.coli

Immunogen sequence: R22-Q168

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Target Details

Target: GREM2

Alternative Name: GREM2

Background: Protein 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

Target Details

suppression of progesterone production in granulosa cells (By similarity). .

Background: GREM2, also known as PRDC, is one of several BMP antagonists that regulate the functions of BMPs during embryonic development and tissue differentiation. 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. The PRDC gene is mapped to chromosome 1q43.

Synonyms: Gremlin-2,Cysteine knot superfamily 1, BMP antagonist 2,DAN domain family member 3,Protein related to DAN and cerberus,GREM2,CKTSF1B2, DAND3, PRDC,

Full Gene Name: Gremlin-2

Cellular Localisation: Secreted.

UniProt: [Q9H772](#)

Application Details

Plate: Pre-coated

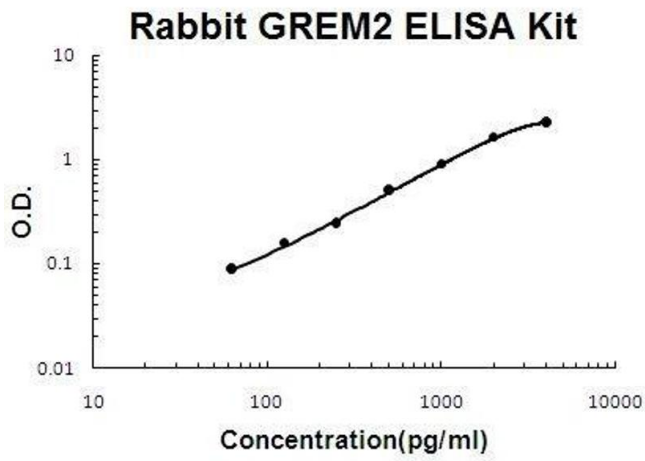
Restrictions: For Research Use only

Handling

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months



ELISA

Image 1. Rabbit GREM2 PicoKine ELISA Kit standard curve