

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GDF9



Numéro de catalogue: 29309-1-AP

Informations de base

Numéro de catalogue: 29309-1-AP	Numéro d'acquisition GenBank: BC096228	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 2661	Dilutions recommandées: WB 1:500-1:1000
Hôte: Lapin	Nom complet: growth differentiation factor 9	
Isotype: IgG	MW calculé: 454 aa, 51 kDa	
Immunogen Catalog Number: AG29603	MW observés: 70 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules A2780, cellules SKOV-3, tissu ovarien de rat, tissu ovarien de souris
Spécificité de l'espèce: Humain, rat, souris	

Informations générales

GDF9 (Growth/differentiation factor 9) belongs to the TGF-beta family. GDF9 is required for ovarian folliculogenesis. GDF9 and BMP15 are oocyte-secreted factors with a leading role in the control of ovarian function in female reproduction, modulating both the cell fate of the somatic granulosa cells and the quality and developmental competence of the egg (PMID: 29544636). GDF9 promotes cell transition from G0/G1 to S and G2/M phases, through an increase of CCND1 and CCNE1 expression, and RB1 phosphorylation (PMID: 19366876). It regulates STAR expression and cAMP-dependent progesterone release in granulosa and thecal cells. GDF9 attenuates the suppressive effects of activin A on STAR expression and progesterone production by increasing the expression of inhibin B (PMID: 21829661). It suppresses FST and FSTL3 production in granulosa-lutein cells (PMID: 21632818, PMID: 21829661).

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

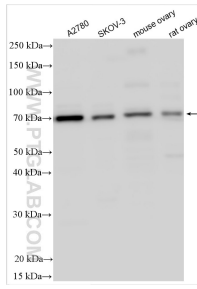
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 29309-1-AP (GDF9 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.