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GREM1 Rabbit pAb

货号: **AYP14172**

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	16kDa/20kDa
实测分子量	15kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SH-SY5Y,HT-29,A-431,LO2
细胞定位	Secreted
纯化	Affinity purification

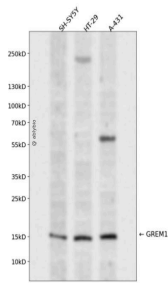
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 44-143 of human GREM 1 (NP_001178252.1).
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靶点信息

研究背景	This gene encodes a member of the BMP (bone morphogenic 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. In mouse, this protein has been shown to relay the sonic hedgehog (SHH) signal from the polarizing region to the apical ectodermal ridge during limb bud outgrowth. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
基因ID	26585
基因名	GREM1
Swiss	O60565 (https://www.uniprot.org/uniprotkb/O60565/entry)
别名	GREM1,C15DUPq,CKTSF1B1,CRAC1,CRCS4,DAND2,DRM,DUP15q,GREMLIN,HMPS,HMPS1,IHG-2,MPSH,PIG 2,gremlin-1,GREM1 Rabbit pAb,Cell proliferation-inducing gene 2 protein,Cysteine knot superfamily 1,BMP antagonist 1,DAN domain family member 2,Down-regulated in Mos-transformed cells protein,Increased in high glucose protein 2

产品验证



Western blot analysis of GREM1 expressed in SH-SY5Y, HT-29, A-431 using GREM1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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