

产品名称: BMP-15 Rabbit Polyclonal Antibody
产品货号: APRab07589



产品概述 (Summary)

产品名称 (Production Name)	BMP-15 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BMP15
别名 (Alternative Names)	BMP15; GDF9B; Bone morphogenetic protein 15; BMP-15; Growth/differentiation factor 9B; GDF-9B
基因 ID (Gene ID)	9210.0
蛋白 ID (SwissProt ID)	O95972.The antiserum was produced against synthesized peptide derived from the Internal region of human BMP15. AA range:291-340

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	45kDa

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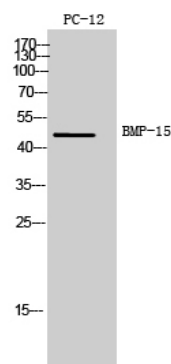


研究背景 (Background)

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate subunits of a disulfide-linked homodimer, or alternatively, a heterodimer, with the related protein, growth differentiation factor 9 (GDF9). This protein plays a role in oocyte maturation and follicular development, through activation of granulosa cells. Defects in this gene are the cause of ovarian dysgenesis and are associated with premature ovarian failure. [provided by RefSeq, Aug 2016], disease: Defects in BMP15 are the cause of ovarian dysgenesis 2 (ODG2) [MIM:300510]; also called X-linked hypergonadotropic ovarian dysgenesis or hypergonadotropic ovarian failure due to ovarian dysgenesis. Hypergonadotropic ovarian failure is a heterogeneous disorder that, in the most severe forms, is a result of ovarian dysgenesis (OD) or ovarian defective development. OD accounts for about half of the cases of primary amenorrhea., function: May be involved in follicular development. Oocyte-specific growth/differentiation factor that stimulates folliculogenesis and granulosa cell (GC) growth., miscellaneous: The mature protein migrates in two distinct mature proteins, P16 (16KDa) and P17 (17KDa), similarity: Belongs to the TGF-beta family., subunit: Homodimer. But, in contrast to other members of this family, cannot be disulfide-linked.,

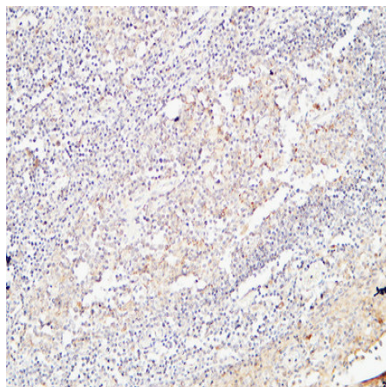
研究领域 (Research Area)

图片 (Image Data)

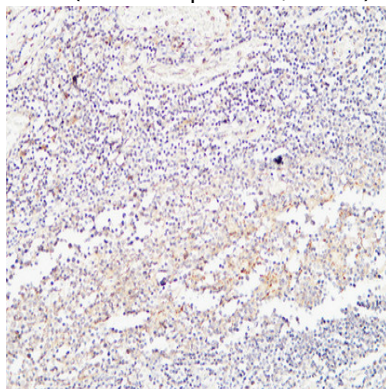


Western Blot analysis of PC12 cells using BMP-15 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

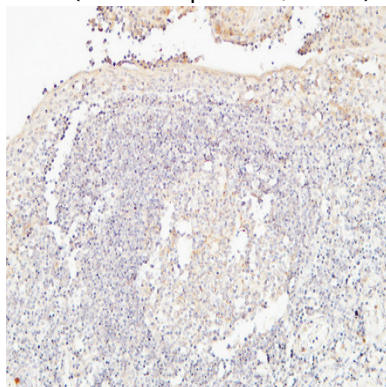
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Immunohistochemical analysis of paraffin-embedded Human Amygdala. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

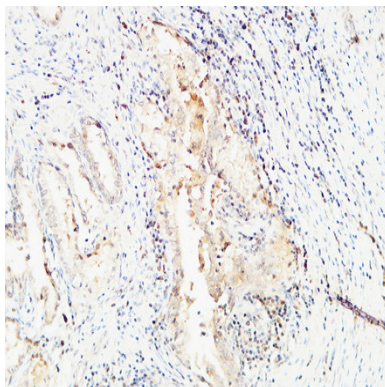


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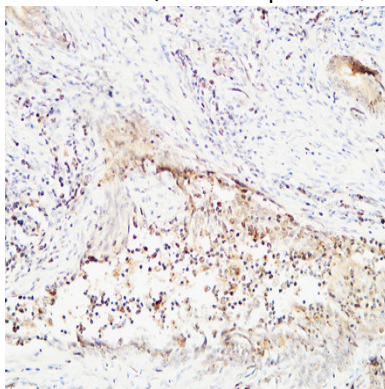


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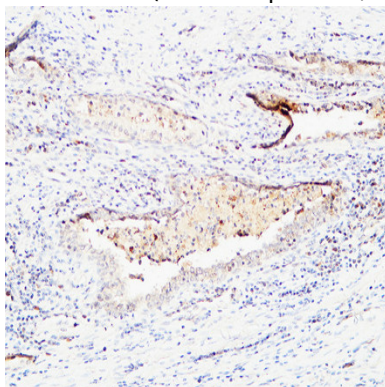
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Immunohistochemical analysis of paraffin-embedded Human prostatic cancer. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



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注意事项 (Note)

For research use only .