

For Research Use Only

BMP15 Polyclonal antibody

Catalog Number: 18982-1-AP **2 Publications**



Basic Information

Catalog Number: 18982-1-AP	GenBank Accession Number: NM_005448	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9210	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O95972	
Isotype: IgG	Full Name: bone morphogenetic protein 15	
	Calculated MW: 45 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, IHC : human prostate cancer tissue,
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

BMP15, also named as GDF9B, is a member of the bone morphogenetic protein family which is part of the transforming growth factor beta superfamily. The transforming growth factor beta superfamily includes large families of growth and differentiation factors. BMP15 may be involved follicular development and oocyte-specific growth/differentiation factor that stimulates folliculogenesis and granulosa cell (GC) growth. Mutation of BMP15 will cause of ovarian dysgenesis type 2 (ODG2) and premature ovarian failure type 4 (POF4).

Notable Publications

Author	Pubmed ID	Journal	Application
Xiangrong Cui	28983616	Mol Med Rep	WB
Yakun Liu	38427603	Proc Natl Acad Sci U S A	IHC

Storage

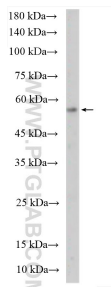
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

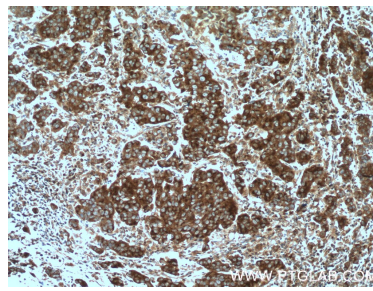
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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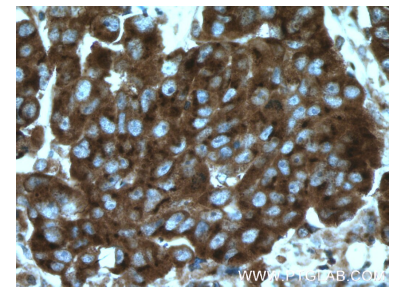
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 18982-1-AP (BMP15 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 18982-1-AP (BMP15 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 18982-1-AP (BMP15 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).