

For Research Use Only

Inhibin alpha Polyclonal antibody

Catalog Number: 27331-1-AP



Basic Information

Catalog Number: 27331-1-AP	GenBank Accession Number: BC006391	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 230 µg/ml by Nanodrop;	GeneID (NCBI): 3623	Recommended Dilutions: WB 1:2000-1:12000 IHC 1:50-1:500
Source: Rabbit	Full Name: inhibin, alpha	
Isotype: IgG	Calculated MW: 40 kDa	
Immunogen Catalog Number: AG25999	Observed MW: 40 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse ovary tissue, mouse testis tissue, rat ovary tissue

IHC : mouse ovary tissue,

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

Inhibin, a heterodimeric member of the TGF family, consists of an alpha (α) subunit (coded by INHA) and a beta (β) subunit, which combine to produce either inhibin A (αβA) or inhibin B (αβB). Inhibin complexes negatively regulate follicle stimulating hormone secretion from the pituitary gland. Inhibins have also been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion.

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

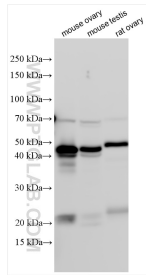
For technical support and original validation data for this product please contact:

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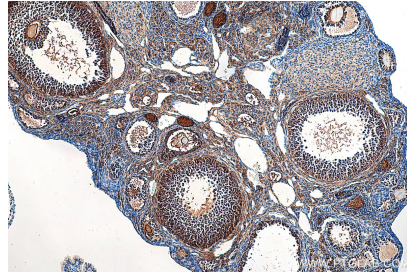
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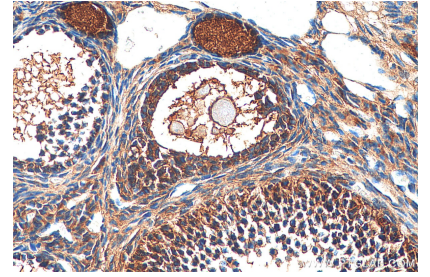
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27331-1-AP (Inhibin alpha antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 27331-1-AP (Inhibin alpha 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 mouse ovary tissue slide using 27331-1-AP (Inhibin alpha antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).