

For Research Use Only

# AMH Polyclonal antibody

Catalog Number: 14461-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 14461-1-AP	<b>GenBank Accession Number:</b> BC049194	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150UL, Concentration: 413 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 268	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> anti-Mullerian hormone	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 59 kDa	
<b>Immunogen Catalog Number:</b> AG5670		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse ovary tissue, human pancreas tissue, human ovary tumor tissue, human testis tissue, rat ovary tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> 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

Anti-Müllerian hormone (AMH), also called Müllerian-inhibiting substance (MIS), is a hormone that is best known for its production by fetal testes in mammals and as the inhibitor of Müllerian duct development in males. AMH is also expressed in granulosa cells of preantral and small antral follicles in the ovary. More recently, AMH has been studied for its role in ovarian folliculogenesis and as a potential marker of ovarian reserve. The deduced protein sequence of the AMH monomer contains a 25 amino acid secretion specific signal peptide and a monomeric protein of 535 amino acids that, when glycosylated at two glycosylation sites, has a molecular weight of 65-70 kDa. This antibody is specific to AMH.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiaqiang Xiong	30797753	Exp Cell Res	WB
Hisashi Kataoka	31119261	Hum Reprod	

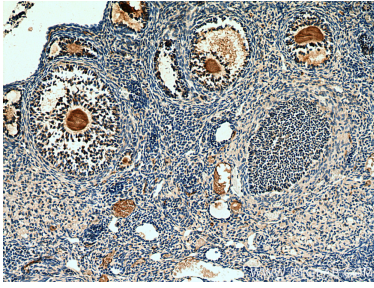
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

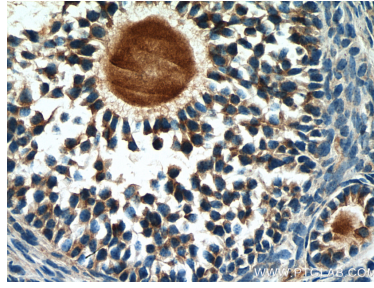
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 14461-1-AP (AMH 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 14461-1-AP (AMH antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).