

For Research Use Only

# MAGEA1 Polyclonal antibody

Catalog Number: 12233-1-AP



## Basic Information

<b>Catalog Number:</b> 12233-1-AP	<b>GenBank Accession Number:</b> BC017555	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 220 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4100	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> melanoma antigen family A, 1 (directs expression of antigen MZ2-E)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 309 aa, 34 kDa	
<b>Immunogen Catalog Number:</b> AG2871	<b>Observed MW:</b> 43 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> A375 cells,
<b>Note-IHC:</b> <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	<b>IHC :</b> human testis tissue,

## Background Information

### Storage

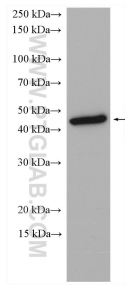
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

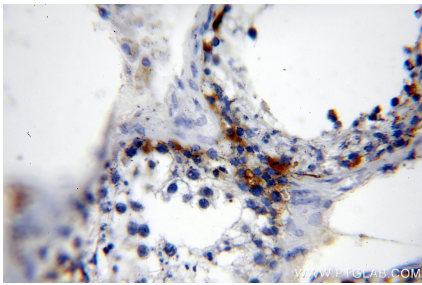
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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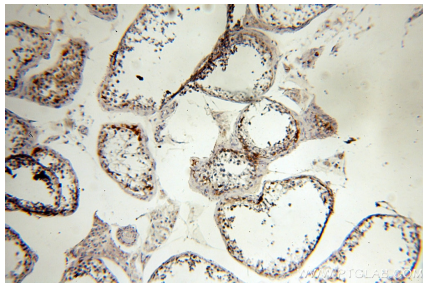
Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 12233-1-AP (MAGEA1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 12233-1-AP (MAGEA1 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 12233-1-AP (MAGEA1 antibody) at dilution of 1:100 (under 10x lens).