

For Research Use Only

# KDM4D Polyclonal antibody

Catalog Number: 22591-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 22591-1-AP	<b>GenBank Accession Number:</b> BC122858	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 900 µg/ml	<b>GeneID (NCBI):</b> 55693	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6B0I6	
<b>Isotype:</b> IgG	<b>Full Name:</b> lysine (K)-specific demethylase 4D	
<b>Immunogen Catalog Number:</b> AG18436	<b>Calculated MW:</b> 523 aa, 59 kDa	
	<b>Observed MW:</b> 59 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : PC-3 cells, IHC : human thymus tissue,
<b>Cited Applications:</b> WB, IP, CHIP	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, rat, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Baoyu Chen	34631698	Front Cell Dev Biol	ChIP
Xu Kong	37701334	JHEP Rep	WB, IP

## 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

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

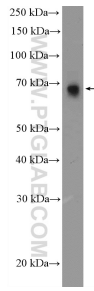
T: 4006900926

E: Proteintech-CN@ptglab.com

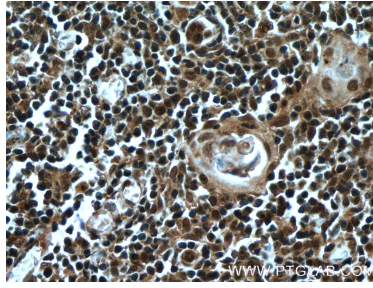
W: ptgcn.com

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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 22591-1-AP (KDM4D Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human thymus tissue slide using 22591-1-AP (KDM4D Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).