

For Research Use Only

KDM4D Polyclonal antibody

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



Basic Information

Catalog Number: 22591-1-AP	GenBank Accession Number: BC122858	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 900 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55693	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: lysine (K)-specific demethylase 4D	
Isotype: IgG	Calculated MW: 523 aa, 59 kDa	
Immunogen Catalog Number: AG18436	Observed MW: 59 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : PC-3 cells, IHC : human thymus tissue,
Cited Applications: ChIP, IP, WB	
Species Specificity: human	
Cited Species: human, rat, 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

Notable Publications

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

Storage

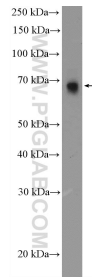
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

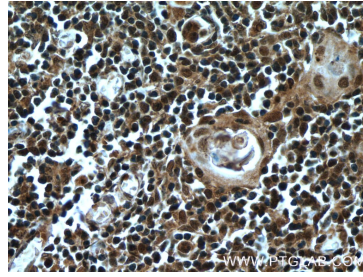
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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).