

For Research Use Only

# EXD2 Polyclonal antibody

Catalog Number: 20138-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 20138-1-AP	<b>GenBank Accession Number:</b> BC001962	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 400 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55218	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> exonuclease 3'-5' domain containing 2	<b>IHC 1:20-1:200</b> <b>IF 1:10-1:100</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 70 kD aa, 56 kDa	
<b>Immunogen Catalog Number:</b> AG14090	<b>Observed MW:</b> 56 kDa	

## Applications

### Tested Applications:

IF, IHC, IP, WB, ELISA

### Cited Applications:

IF, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB:** mouse lung tissue, mouse brain tissue, mouse pancreas tissue

**IP:** mouse lung tissue,

**IHC:** human testis tissue,

**IF:** HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xikui Sun	34926456	Front Cell Dev Biol	WB
Opeyemi Olotu	36624638	Andrology	WB,IF

## 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

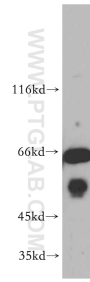
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

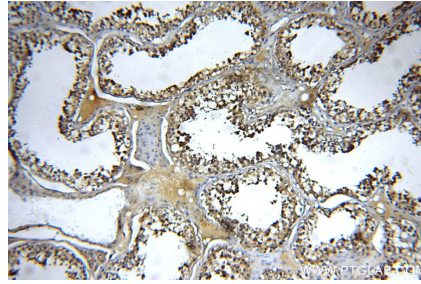
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

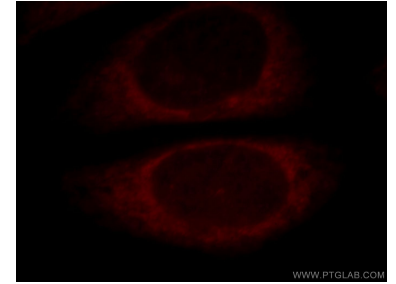
## Selected Validation Data



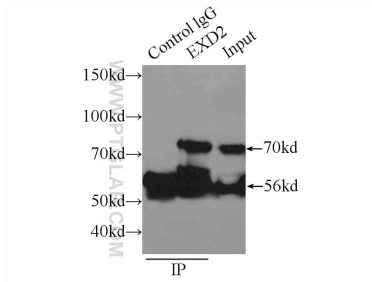
mouse lung tissue were subjected to SDS PAGE followed by western blot with 20138-1-AP (EXD2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 20138-1-AP (EXD2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HepG2 cells, using EXD2 antibody 20138-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-EXD2 (IP:20138-1-AP, 3ug; Detection:20138-1-AP 1:300) with mouse lung tissue lysate 5160ug.