

For Research Use Only

# MTA2 Polyclonal antibody

Catalog Number: 17554-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 17554-1-AP	<b>GenBank Accession Number:</b> BC053650	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9219	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> metastasis associated 1 family, member 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 668 aa, 75 kDa	
<b>Immunogen Catalog Number:</b> AG11713	<b>Observed MW:</b> 70-75 kDa	

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

ChIP, CoIP, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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 :** HeLa cells, Jurkat cells, mouse thymus tissue, HEK-293 cells

**IP :** mouse thymus tissue,

**IHC :** human colon tissue, human heart tissue

## Background Information

Metastasis-associated protein MTA2, also named as MTA1L1 or PID, is a 668 amino acid protein, which contains one BAH domain, one ELM2 domain, one GATA-type zinc finger and one SANT domain. MTA2 localizes in the nucleus and is widely expressed in many tissues. MTA2 may be involved in the regulation of gene expression as repressor and activator.

## Notable Publications

Author	Pubmed ID	Journal	Application
Orhi Barroso-Gomila	34795231	Nat Commun	WB
Su-Li Dai	33340431	Cancer Sci	CoIP,ChIP
Dapeng Wang	35201651	EMBO Rep	WB

## 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

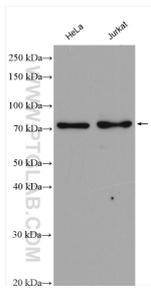
For technical support and original validation data for this product please contact:

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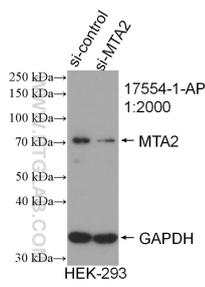
E: proteintech@ptglab.com  
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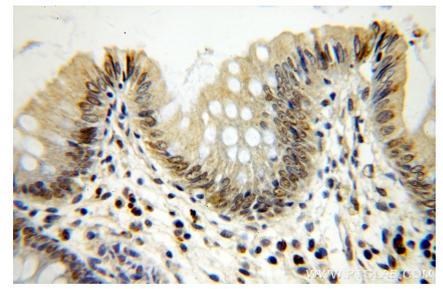
## Selected Validation Data



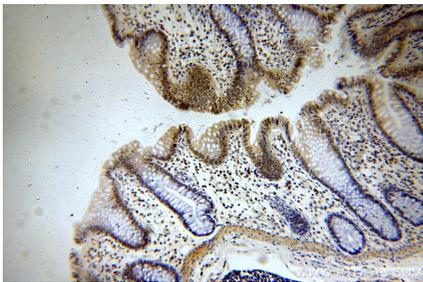
Various lysates were subjected to SDS PAGE followed by western blot with 17554-1-AP (MTA2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



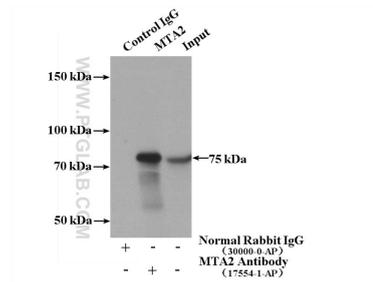
WB result of MTA2 antibody (17554-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MTA2 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human colon using 17554-1-AP (MTA2 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon using 17554-1-AP (MTA2 antibody) at dilution of 1:100 (under 10x lens).



IP Result of anti-MTA2 (IP:17554-1-AP, 4ug; Detection:17554-1-AP 1:500) with mouse thymus tissue lysate 2800ug.