

For Research Use Only

MTA2 Polyclonal antibody

Catalog Number: 17554-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

17554-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11713

GenBank Accession Number:

BC053650

GeneID (NCBI):

9219

UNIPROT ID:

O94776

Full Name:

metastasis associated 1 family, member 2

Calculated MW:

668 aa, 75 kDa

Observed MW:

70-75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, CoIP, ChIP

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: rat lung tissue, human heart tissue, rat colon 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

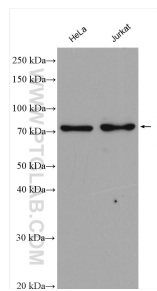
For technical support and original validation data for this product please contact:

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

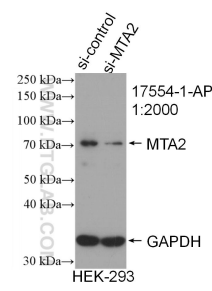
E: proteintech@ptglab.com
W: ptglab.com

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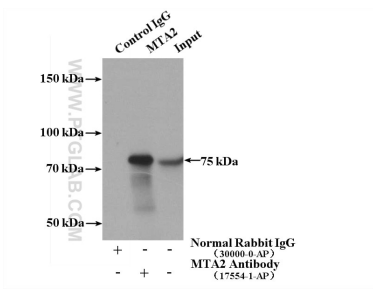
Selected Validation Data



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.



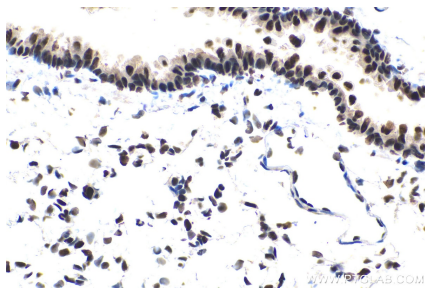
WB result of MTA2 antibody (17554-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MTA2 transfected HEK-293 cells.



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



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using 17554-1-AP (MTA2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using 17554-1-AP (MTA2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).