

For Research Use Only

MTSS1 Polyclonal antibody

Catalog Number: 13995-1-AP **1 Publications**



Basic Information

Catalog Number: 13995-1-AP	GenBank Accession Number: BC023998	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 9788	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: metastasis suppressor 1	
Isotype: IgG	Calculated MW: 82 kDa	
Immunogen Catalog Number: AG5080	Observed MW: 82 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
IF, WB

Species Specificity:
human, mouse, rat

Cited Species:
human

Positive Controls:

WB: HepG2 cells, MCF-7 cells, NIH/3T3 cells, mouse kidney tissue, rat kidney tissue

IHC: human lung cancer tissue, human liver cancer tissue

IF: MCF-7 cells,

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

MTSS1 (metastasis suppressor 1), also known as MIM (missing-in-metastasis), MIM-B, BEG4 (Basal cell carcinoma-enriched gene 4) or KIAA0429, is one of the defining members of the I-BAR family of negative membrane curvature-sensing proteins first identified as being deleted in metastatic bladder cancer. MTSS1 over-expression is associated with enhanced cell migration, resulting in tumorigenesis, invasion and metastasis (PMID: 27230279). It is reported that the expression of MTSS1 is associated with poor prognosis in various cancers, such as bladder, gastric, breast and so on (PMID: 32052679).

Notable Publications

Author	Pubmed ID	Journal	Application
Lijun Liang	34435464	Cytoskeleton (Hoboken)	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

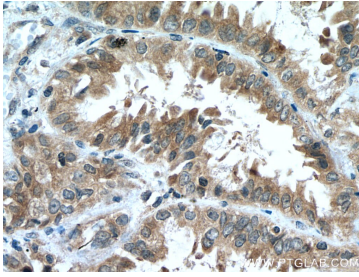
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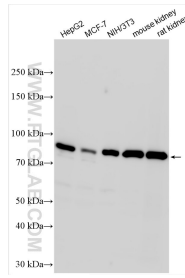
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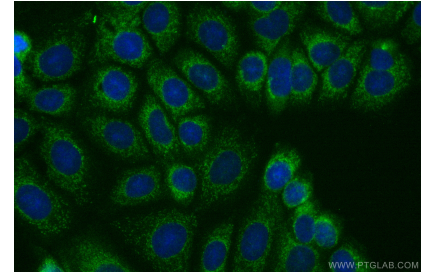
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 13995-1-AP (MTSS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 13995-1-AP (MTSS1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using MTSS1 antibody (13995-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).