

For Research Use Only

# MSTO1 Polyclonal antibody, PBS Only

Catalog Number: 28400-1-PBS

Featured Product



## Basic Information

Catalog Number:

28400-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29067

GenBank Accession Number:

BC002535

GeneID (NCBI):

55154

UNIPROT ID:

Q9BUK6

Full Name:

misato homolog 1 (Drosophila)

Observed MW:

57-62 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

## Background Information

MSTO1, also named as LST005 and SLTP005, belongs to the misato family. Human MSTO1 is a ubiquitously expressed, evolutionary conserved protein with homologous regions to GTPases. MSTO1 is a cytoplasmic protein that modulates mitochondrial dynamics by promoting mitochondrial fusion. MSTO1 has 7 isoforms produced by alternative splicing. (PMID: 33612823)

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

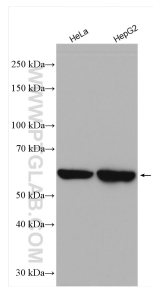
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

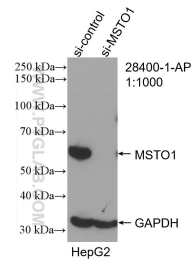
W: [ptgcn.com](http://ptgcn.com)

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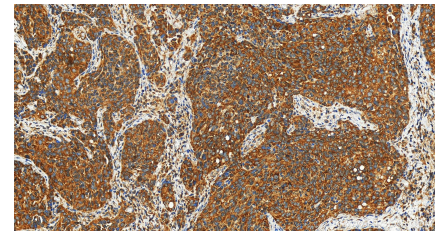
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28400-1-AP (MSTO1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28400-1-PBS in a different storage buffer formulation.



WB result of MSTO1 antibody (28400-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MSTO1 transfected HepG2 cells. This data was developed using the same antibody clone with 28400-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 28400-1-AP (MSTO1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28400-1-PBS in a different storage buffer formulation.