

For Research Use Only

# MSI2 Polyclonal antibody, PBS Only

Catalog Number:10770-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

10770-1-PBS

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1213

**GenBank Accession Number:**

BC001526

**GeneID (NCBI):**

124540

**UNIPROT ID:**

Q96DH6

**Full Name:**

musashi homolog 2 (Drosophila)

**Calculated MW:**

35 kDa

**Observed MW:**

37-40 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, IP, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

MSI2 is an RNA-binding protein that regulates the expression of target mRNAs at the translation level. It binds to RNA via 2 ribonucleoprotein-type RNA recognition motifs in their N-termini, to consensus motifs in mRNAs to inhibit transcription. It may play a role in the proliferation and maintenance of stem cells in the central nervous system. MSI2 can regulate normal hematopoiesis and promote aggressive myeloid leukemia

## 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, pH7.3

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

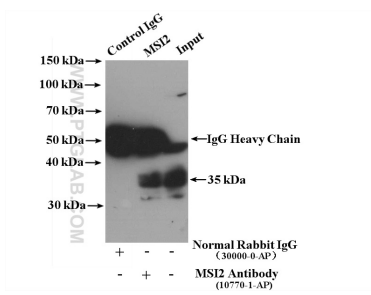
T: 4006900926

E: Proteintech-CN@ptglab.com

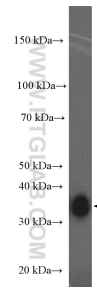
W: ptgcn.com

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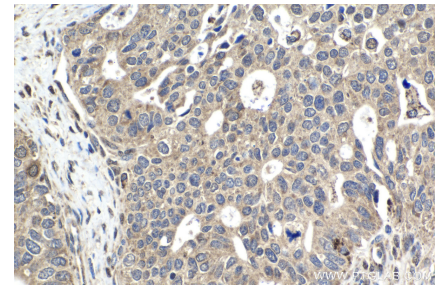
## Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 10770-1-AP (MSI2 antibody) at dilution of 1:500. This data was developed using the same antibody clone with 10770-1-PBS in a different storage buffer formulation.



PC-12 cells were subjected to SDS PAGE followed by western blot with 10770-1-AP (MSI2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10770-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10770-1-AP (MSI2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10770-1-PBS in a different storage buffer formulation.