

For Research Use Only

# MUM1 Polyclonal antibody

Catalog Number: 12682-1-AP

1 Publications



## Basic Information

**Catalog Number:**

12682-1-AP

**Size:**

150ul, Concentration: 800 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3371

**GenBank Accession Number:**

BC008098

**GeneID (NCBI):**

84939

**UNIPROT ID:**

Q2TAK8

**Full Name:**

melanoma associated antigen (mutated) 1

**Calculated MW:**

18 kDa, 79 kDa

**Observed MW:**

70-80 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

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

## Applications

**Tested Applications:**

WB, IP, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

mouse

**Positive Controls:**

WB : HEK-293 cells, Jurkat cells, HT-1080 cells

IP : Jurkat cells,

## Background Information

MUM1, also named as EXPAND1, is an architectural component of the chromatin, which in response to DNA damage serves as an accessory factor to promote cell survival. It is a 53BP1-associated DNA damage-responsive factor. MUM1/EXPAND1 is different to another protein IRF4/MUM1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qiang Wang	35978186	Nature	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

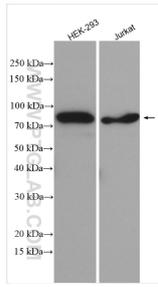
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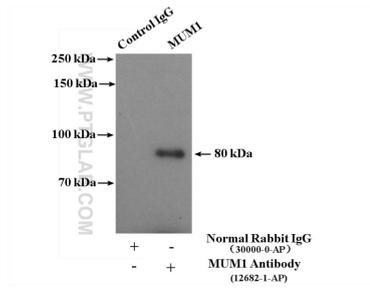
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12682-1-AP (MUM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-MUM1 (IP:12682-1-AP, 4ug; Detection:12682-1-AP 1:300) with Jurkat cells lysate 4000ug.