

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

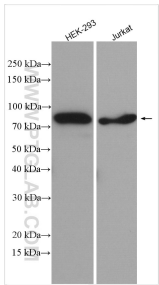
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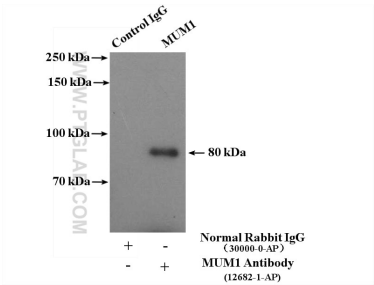
E: proteintech@ptglab.com
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Selected Validation Data



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.