

For Research Use Only

MUM1 Polyclonal antibody

Catalog Number: 12682-1-AP **1 Publications**



Basic Information

Catalog Number: 12682-1-AP	GenBank Accession Number: BC008098	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 84939	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: melanoma associated antigen (mutated) 1	
Isotype: IgG	Calculated MW: 18 kDa, 79 kDa	
Immunogen Catalog Number: AG3371	Observed MW: 70-80 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, Jurkat cells, HT-1080 cells
Cited Applications: WB	IP: Jurkat cells,
Species Specificity: human	
Cited Species: mouse	

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

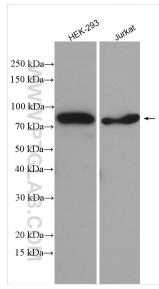
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

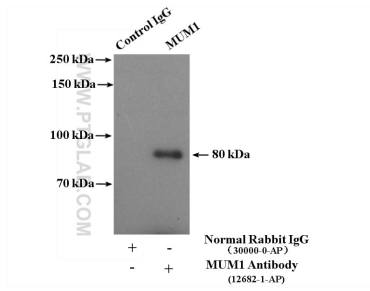
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.