

For Research Use Only

# MRFAP1 Polyclonal antibody

Catalog Number: 11639-1-AP **4 Publications**



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>11639-1-AP   | <b>GenBank Accession Number:</b><br>BC022797          | <b>Purification Method:</b><br>Antigen affinity purification   |
| <b>Size:</b><br>150ul , Concentration: 700 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>93621                        | <b>Recommended Dilutions:</b><br>WB 1:200-1:1000<br>IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB<br>IHC 1:20-1:200 |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>Mof4 family associated protein 1 |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>127 aa, 15 kDa               |  |
| <b>Immunogen Catalog Number:</b><br>AG2227   | <b>Observed MW:</b><br>15 kDa                         |  |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>IHC, IP, WB, ELISA  | <b>Positive Controls:</b><br>WB : Jurkat cells,<br>IP : Jurkat cells,<br>IHC : human gliomas tissue, |
| <b>Cited Applications:</b><br>IF, IP, WB   |  |
| <b>Species Specificity:</b><br>human   |  |
| <b>Cited Species:</b><br>human, monkey   |  |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |  |

## Background Information

MRFAP1, also named as PAM14 and PGR1, is a 14 kDa protein which associated with MRG. It is found in a complex composed of MORF4L1, MRFAP1 and RB1. MRFAP1 interacts via its N-terminus with MORF4L1. And it interacts with CSTB and MORF4L2.

## Notable Publications

| Author                | Pubmed ID | Journal             | Application |
|-----------------------|-----------|---------------------|-------------|
| Duan-Zhuo Li          | 29228602  | Oncotarget          | IF, WB      |
| Hua Liao              | 21873567  | Mol Cell Proteomics | WB          |
| Kirkwood Kathryn J KJ | 24043423  | Mol Cell Proteomics | 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

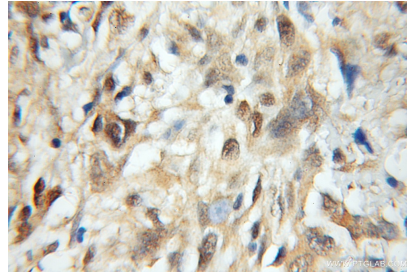
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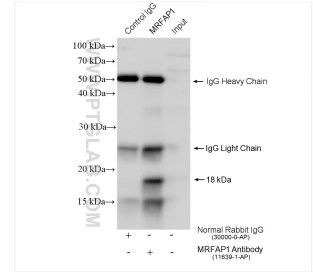
## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 11639-1-AP (MRFAP1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 11639-1-AP (MRFAP1 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-MRFAP1(IP:11639-1-AP, 4ug; Detection:11639-1-AP 1:300) with Jurkat cells lysate 1400 ug.