

**MACROD2/C20orf133 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57174**

**Specification**

**MACROD2/C20orf133 Polyclonal Antibody -  
Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | <b>IHC-P</b>           |
| Primary Accession | <a href="#">A1Z103</a> |
| Host              | <b>Rabbit</b>          |
| Clonality         | <b>Polyclonal</b>      |
| Calculated MW     | <b>47421</b>           |

**MACROD2/C20orf133 Polyclonal Antibody -  
Additional Information**

**Gene ID** 140733

**Other Names**

ADP-ribose glycohydrolase MACROD2,  
MACRO domain-containing protein 2,  
O-acetyl-ADP-ribose deacetylase MACROD2,  
3.5.1.-, [Protein ADP-ribosylaspartate]  
hydrolase MACROD2, 3.2.2.-, [Protein  
ADP-ribosylglutamate] hydrolase MACROD2,  
3.2.2.-, MACROD2  
{ECO:0000303|PubMed:23474712,  
ECO:0000312|HGNC:HGNC:16126}

**Format**

0.01M TBS(pH7.4) with 1% BSA, 0.09%  
(W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated  
freeze/thaw cycles. When reconstituted in  
sterile pH 7.4 0.01M PBS or diluent of  
antibody the antibody is stable for at least  
two weeks at 2-4 °C.

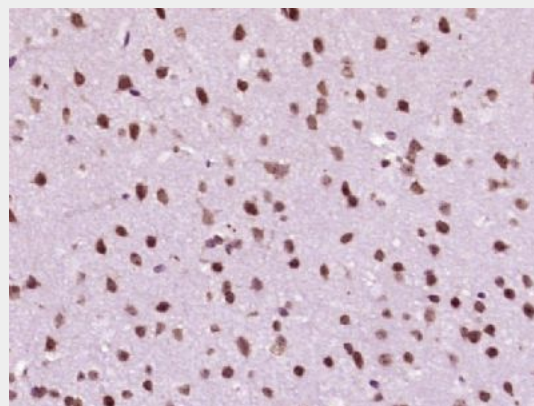
**MACROD2/C20orf133 Polyclonal Antibody -  
Protein Information**

**Name** MACROD2

{ECO:0000303|PubMed:23474712,  
ECO:0000312|HGNC:HGNC:16126}

**Function**

Removes ADP-ribose from asparatate and  
glutamate residues in proteins bearing a



Paraformaldehyde-fixed, paraffin embedded  
(mouse brain tissue); Antigen retrieval by  
boiling in sodium citrate buffer (pH6.0) for  
15min; Block endogenous peroxidase by 3%  
hydrogen peroxide for 20 minutes; Blocking  
buffer (normal goat serum) at 37°C for  
30min; Antibody incubation with (C20orf133)  
Polyclonal Antibody, Unconjugated  
(bs-18603R) at 1:400 overnight at 4°C,  
followed by operating according to SP  
Kit(Rabbit) (sp-0023) instructions and DAB  
staining.

single ADP-ribose moiety (PubMed:<a href="http://www.uniprot.org/citations/23474714" target="\_blank">23474714</a>, PubMed:<a href="http://www.uniprot.org/citations/23474712" target="\_blank">23474712</a>). Inactive towards proteins bearing poly-ADP-ribose (PubMed:<a href="http://www.uniprot.org/citations/23474714" target="\_blank">23474714</a>, PubMed:<a href="http://www.uniprot.org/citations/23474712" target="\_blank">23474712</a>). Deacetylates O-acetyl-ADP ribose, a signaling molecule generated by the deacetylation of acetylated lysine residues in histones and other proteins (PubMed:<a href="http://www.uniprot.org/citations/21257746" target="\_blank">21257746</a>).

#### **Cellular Location**

Nucleus. Note=Recruited to DNA lesions, probably via mono-APD-ribosylated proteins.

#### **MACROD2/C20orf133 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)