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MACROD2 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15439

Product Information

Application	WB
Primary Accession	A1Z1Q3
Other Accession	NM_001033087, NP_001028259
Reactivity	Human, Horse
Predicted	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47421

Additional Information

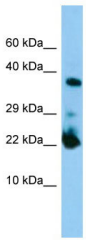
Gene ID	140733
Alias Symbol	C20orf133
Other Names	O-acetyl-ADP-ribose deacetylase MACROD2, 3.2.2.-, 3.5.1.-, MACRO domain-containing protein 2, [Protein ADP-ribosylglutamate] hydrolase, MACROD2, C20orf133
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-MACROD2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	MACROD2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MACROD2 {ECO:0000303|PubMed:23474712, ECO:0000312|HGNC:HGNC:16126}
Function	Removes ADP-ribose from aspartate and glutamate residues in proteins bearing a single ADP-ribose moiety (PubMed:23474712, PubMed:23474714). Inactive towards proteins bearing poly-ADP-ribose (PubMed:23474712, PubMed:23474714). Deacetylates O-acetyl-ADP ribose, a signaling molecule generated by the deacetylation of acetylated lysine residues in histones and other proteins (PubMed:21257746).
Cellular Location	Nucleus. Note=Recruited to DNA lesions, probably via mono-APD-ribosylated

proteins.

Images



Host: Rabbit
Target Name: MACROD2
Sample Tissue: HepG2 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.