

For Research Use Only

PARP10 Recombinant antibody

Catalog Number: 86096-1-RR



Basic Information

Catalog Number: 86096-1-RR	GenBank Accession Number: BC136542	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 84875	CloneNo.: 250454D4
Source: Rabbit	UNIPROT ID: Q53GL7	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: poly (ADP-ribose) polymerase family, member 10	
Immunogen Catalog Number: AG23457	Observed MW: 150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, HepG2 cells, Jurkat cells, MDA-MB-231 cells

Background Information

PARP10 (Poly(ADP-ribose) polymerase family member 10) is a mono-ADP-ribosyltransferase that belongs to the PARP family. It regulates a variety of cellular functions, including gene transcription, DNA repair, and cell cycle control, by catalyzing ADP-ribosylation reactions. PARP10 is distributed in both the nucleus and cytoplasm, participating in the cellular response to DNA damage. In particular, its expression level significantly increases in response to UV-induced DNA damage. Additionally, PARP10 plays a crucial role in the antiviral response, being highly upregulated by interferon (IFN) to inhibit the replication of certain viruses and block protein translation during viral replication. PARP10 is also involved in immune regulation, interacting with NEMO to block the NF-κB signaling pathway and the production of pro-inflammatory cytokines.

Storage

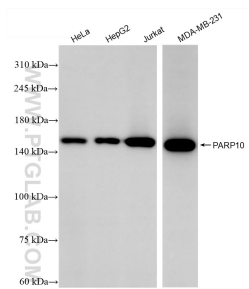
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86096-1-RR (PARP10 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.