

Datasheet for ABIN390267

anti-PARP12 antibody (C-Term)

1 Image

1 Publication



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Overview

Quantity:	400 µL
Target:	PARP12
Binding Specificity:	AA 454-483, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARP12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Parp12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-483 amino acids from the C-terminal region of mouse Parp12.
Clone:	RB14194
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PARP12
Alternative Name:	Parp12 (PARP12 Products)

Target Details

Background: Poly(ADP-ribosyl)ation is an immediate DNA-damage-dependent post-translational modification of histones and other nuclear proteins that contributes to the survival of injured proliferating cells. Poly(ADP-ribose) polymerases (PARPs) now constitute a large family of 18 proteins, encoded by different genes and displaying a conserved catalytic domain in which PARP-1 (113 kDa), the founding member, and PARP-2 (62 kDa) are so far the sole enzymes whose catalytic activity has been shown to be immediately stimulated by DNA strand breaks. A large repertoire of sequences encoding novel PARPs now extends considerably the field of poly(ADP-ribosyl)ation reactions to various aspects of the cell biology including cell proliferation and cell death. Some of these new members interact with each other, share common partners and common subcellular localizations suggesting possible fine tuning in the regulation of this post-translational modification of proteins.

Molecular Weight: 79917

Gene ID: 243771

NCBI Accession: [NP_766481](#)

UniProt: [Q8BZ20](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

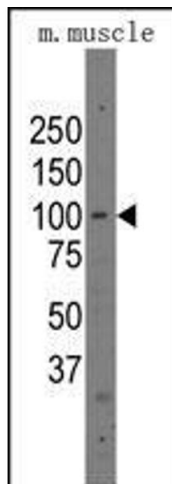
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Xu, Han, Epstein, Liu: "Regulation of PDK mRNA by high fatty acid and glucose in pancreatic islets." in **Biochemical and biophysical research communications**, Vol. 344, Issue 3, pp. 827-33, (2006) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of anti-Parp12 Pab (R) in mouse muscle tissue lysates (35 µg/lane). Parp12 (arrow) was detected using the purified Pab.