

PARP-3 rabbit pAb

Cat No.:ES4414

For research use only

Overview

Product Name PARP-3 rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human PARP3. AA range:10-59

Specificity PARP-3 Polyclonal Antibody detects endogenous

levels of PARP-3 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Poly [ADP-ribose] polymerase 3

Gene Name PARP3

Cellular localization Nucleus . Chromosome . Cytoplasm, cytoskeleton,

microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Almost exclusively localized in the nucleus and appears in numerous

small foci and

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 10039 Human Swiss-Prot Number Q9Y6F1

Alternative Names PARP3; ADPRTL3; Poly [ADP-ribose]

polymerase 3; PARP-3; hPARP-3;

ADP-ribosyltransferase diphtheria toxin-like 3; ARTD3; IRT1; NAD(+) ADP-ribosyltransferase 3;

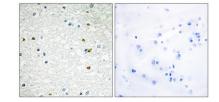




Background

ADPRT-3; Poly[ADP-ribose] synthase 3; pADPRT-3 The protein encoded by this gene belongs to the PARP family. These enzymes modify nuclear proteins by poly-ADP-ribosylation, which is required for DNA repair, regulation of apoptosis, and maintenance of genomic stability. This gene encodes the poly(ADP-ribosyl)transferase 3, which is preferentially localized to the daughter centriole throughout the cell cycle. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human brain, using PARP3 Antibody. The picture on the right is blocked with the synthesized peptide.



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