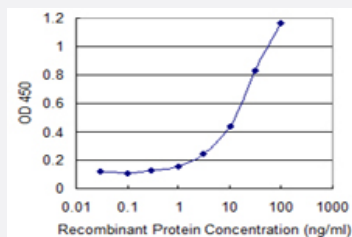


PARP3 monoclonal antibody (M06), clone 2H6

Catalog # H00010039-M06

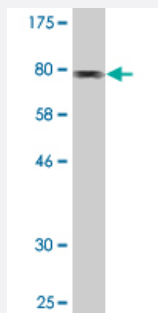
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PARP3 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (84.37 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PARP3.

Immunogen

PARP3 (AAH14260, 1 a.a. ~ 533 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	MAPKPKPWVQTEGPEKKKGRQAGREEDPFRSTAEALKAIPA EKRIIRDPTCPLSSNP GTQVYE DYNCTLNQTNIE NNNNFYIQLLQDSNRFFTCWNRWGRVGEV GQSKINH FTRLEDAKKDFEKKFR EKT KNNWAERDHFVSHPGKYTLIEVQA EDEAQEAVVKVDRGPVRTVTKRVQPCSLDPATQKLIT NIFSKEMFKNTMALMDLDVKKMPLGKLSKQQIARGFEALEALEEALKGPTDGGQSLEELSSH FYT VIPHNFGHSQPPPINSPELLQAKKDMLLV LADIELAQALQAVSEQEKTVEEVPHPLDRDYQLLK CQ LQLLDSGAPEYKVIQTYLEQTGSNHR CPTLQHWKVNQEGEEDRFQAH SKLGNRKLLWHGTNMA VVAAILTSGLRIMPHSGGRVGKGIYFASENSKSAGYVIGMKCGAHHVGYMFLGEVALGREHHINTD NPSLKSPPPGFDSVIARGHTEPDPTQDTELELDGQQVVVPQGQPVP CPEFSSSTFSQSEYLIYQE SQCLRLRYLLEVHL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (80)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (84.37 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PARP3 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PARP3

Entrez GeneID [10039](#)

GeneBank Accession# [BC014260](#)

Protein Accession#	AAH14260
Gene Name	PARP3
Gene Alias	ADPRT3, ADPRTL2, ADPRTL3, IRT1, hPARP-3, pADPRT-3
Gene Description	poly (ADP-ribose) polymerase family, member 3
Omim ID	607726
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 2 ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 3 NAD+ ADP-ribosyltransferase 3 poly(ADP-ribose) polymerase 3 poly(ADP-ribose) synthetase-3

Pathway

- [Base excision repair](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Urinary Bladder Neoplasms](#)