ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-PARP3 Antibody

Item Number	dAP-1633
Target Molecule	Principle Name: PARP3; Official Symbol: PARP3; All Names and Symbols: PARP3; poly (ADP-ribose) polymerase family, member 3; ADPRT3; ADPRTL2; ADPRTL3; IRT1; hPARP-3; pADPRT-3; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 2; ADP-ribosyltransferase (NAD+; poly (ADP -ribose) polymerase)-like 3; NAD+ ADP-ribos; Accession Number (s): NP_001003931.2; NP_001003935.2; Human Gene ID(s): 10039; Non-Human GeneID(s):
Immunogen	YEDYNCTLNQTNIEN , is from internal region This antibody is expected to recognize both reported isoforms (NP_001003931.2; NP_001003935.2).
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Preliminary experiments in lysates of cell lines Daudi, HeLa and HepG2 gave no specific signal but low background (at antibody concentration up to 1µg/ml).
IHC	Immunohistochemistry: Paraffin embedded Human Liver and Kidney. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Rouleau M, McDonald D, Gagné P, Ouellet ME, Droit A, Hunter JM, Dutertre S, Prigent C, Hendzel MJ, Poirier GG. PARP-3 associates with polycomb group bodies and with components of the DNA damage repair machinery. J Cell Biochem. 2007 Feb 1;100(2):385-401..PMID: 16924674->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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