

Goat anti-PARP2 Antibody

Item Number	dAP-0783
Target Molecule	Principle Name: PARP2; Official Symbol: PARP2; All Names and Symbols: PARP2; poly (ADP-ribose) polymerase family, member 2; HGNC:272; ADPRT2; ADPRTL2; ADPRTL3; PARP-2; pADPRT-2 ; ADP-ribosyltransferase (NAD poly ADP-ribose polymerase)-like 2; poly (ADP-ribosyl) transferase-like 2; poly (ADP-ribose) synthetase; Accession Number (s): NP_005475.1; Human Gene ID(s): 10038; Non-Human GenelD(s):
Immunogen	LDLFEVEKDGEKE, is from internal region
Applications	Pep ELISA, WB, 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; Reconstitute 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 8000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Spleen lysates (calculated MW of 60.8kDa according to NP_005475.1. Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Skin and Adrenal Gland. Recommended concentration: 5µg/ml.
Reference	Reference(s): Kofler J, Otsuka T, Zhang Z, Noppens R, Grafe MR, Koh DW, Dawson VL, de Murcia JM, Hurn PD, Traystman RJ. Differential effect of PARP-2 deletion on brain injury after focal and global cerebral ischemia. <i>J Cereb Blood Flow Metab</i> . 2005 Jun 15; [Epub ahead of print]. PMID: 15959455 ->

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 end users! This product is sold for **Research Use Only**