

PARP2 Antibody

Catalog No: #34292

Package Size: #34292-1 50ul #34292-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

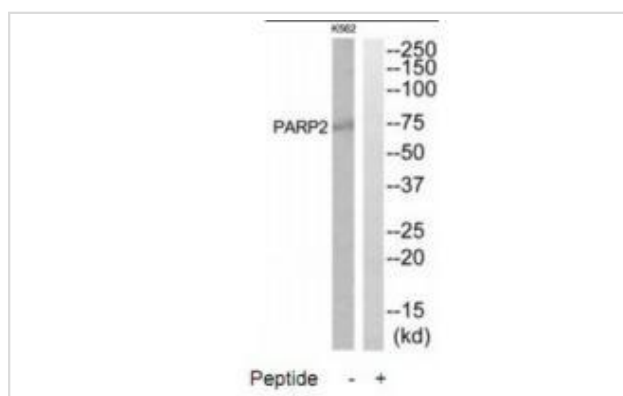
Description

Product Name	PARP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PARP2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PARP2.
Target Name	PARP2
Other Names	Poly [ADP-ribose] polymerase 2; PARP-2; NAD(+) ADP-ribosyltransferase 2; Poly[ADP-ribose] synthetase 2; pADPRT-2
Accession No.	Swiss-Prot: Q9UGN5NCBI Gene ID: 10038
Uniprot	Q9UGN5
GeneID	10038;
SDS-PAGE MW	75kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from K562 and HuvEc cells, using PARP2 antibody #34292.

Background

Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks.

Sugano S., Nat. Genet. 36:40-45(2004).

de Murcia G.M., J. Biol. Chem. 277:23028-23036(2002).

Bennett K.L., Submitted (OCT-2008).

Note: This product is for in vitro research use only