

Product Datasheet

PARP Antibody (C-2-10) NB100-111-50ug

Unit Size: 50 ug

Store at -80C. Avoid freeze-thaw cycles.

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NB100-111-50ug

PARP Antibody (C-2-10)

Product Information	
Unit Size	50 ug
Concentration	1.0 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C-2-10
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS containing 0.2% BSA

Product Description	
Host	Mouse
Gene ID	142
Gene Symbol	PARP1
Species	Human, Mouse, Rat, Bovine, Hamster, Primate, Chicken (Negative)
Specificity/Sensitivity	Recognizes an epitope in the C-terminal part of the DNA binding domain of human, mouse, rat, bovine, hamster and monkey PARP. Detects bands ~116kDa (intact PARP) and ~85kDa (apoptosis-induced cleavage fragment) by Western blot.
Immunogen	Purified calf thymus poly(ADP-ribose) polymerase (PARP)

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	NB 100-111 can be used in Western blot procedures, immunocytochemistry, and ELISA. Western Blot: 1 ug/ml (Alk. Phos.), Immunocytochemistry, ELISA. For Western blotting, PARP extraction may require special procedures.

Publications

Tuli R, Surmak AJ, Reyes J et al. Radiosensitization of Pancreatic Cancer Cells In Vitro and In Vivo through Poly (ADP-ribose) Polymerase Inhibition with ABT-888. *Transl Oncol.* 2014-05-13 [PMID: 24836647] (WB, Human)

Lo, P et al. The prosurvival activity of p53 protects cells from UV-induced apoptosis by inhibiting c-Jun NH2-terminal kinase activity and mitochondrial death signaling. *Cancer Res*;64(23):8736-45. 2004-12-01 [PMID: 15574785] (WB, Human)

Ma W, Halweg CJ, Menendez D, Resnick MA. Differential effects of poly(ADP-ribose) polymerase inhibition on DNA break repair in human cells are revealed with Epstein-Barr virus. *Proc Natl Acad Sci U S A*;109(17):6590-5. 2012-04-24 [PMID: 22493268] (WB, Human)

Ferrario, A et al. Survivin, a Member of the Inhibitor of Apoptosis Family, Is Induced by Photodynamic Therapy Is a Target for Improving Treatment Response. *Cancer Res* 67: 4989-4995. 2007-01-01 [PMID: 17510430]

Yan, Y et al. Inhibition of Na(+)-K(+)-Cl(-) cotransporter during focal cerebral ischemia decreases edema and neuronal damage. *Brain Res*;961(1):22-31. 2003-01-24 [PMID: 12535773] (WB, Rat)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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