

# Product Datasheet

## PARP Antibody (A6.4.12) NB100-64828

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-64828**

PARP Antibody (A6.4.12)

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A6.4.12
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	Phosphate buffered saline
Target Molecular Weight	113 kDa

Product Description	
Host	Mouse
Gene ID	142
Gene Symbol	PARP1
Species	Human, Mouse, Rat, Drosophila, Xenopus
Reactivity Notes	Reacts with Human. Cross reacts with Mouse, Drosophila, Xenopus, Rat, and Hamster. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Recognizes poly (ADP-ribose) polymerase (PARP), a 116kD nuclear enzyme that has been shown to be cleaved during apoptosis.
Immunogen	Human PARP

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH6.0 is recommended for this purpose.

**Publications**

Fu Y, Chang ACY, Fournier M et al. RUNX3 maintains the mesenchymal phenotype after termination of the notch signal. J Biol Chem. 2011-02-02 [PMID: 21288908]





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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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