

Product Datasheet

PARP10 Antibody - BSA Free

NB100-2157

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 5

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NB100-2157

PARP10 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

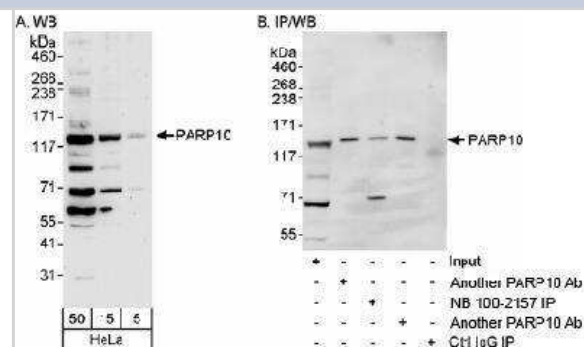
Product Description	
Description	Novus Biologicals Rabbit PARP10 Antibody - BSA Free (NB100-2157) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-PARP10 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84875
Gene Symbol	PARP10
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 300 and 350 of Poly (ADP-ribose) Polymerase Family, member 10 using the numbering given in entry NP_116178.1 (GeneID 84875)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2500, Immunohistochemistry 1:500 -1:2000, Immunoprecipitation 1-4 ug/mg of lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

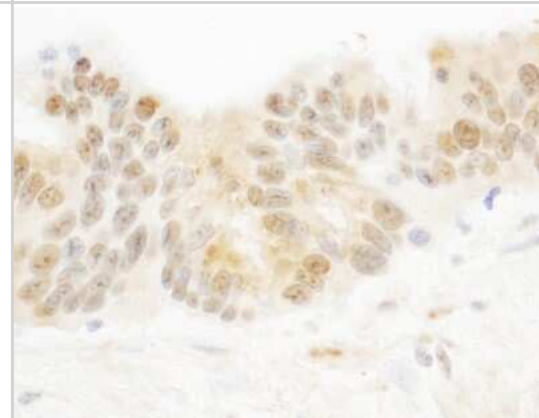


Images

Western Blot: PARP10 Antibody [NB100-2157] - Detection of Human PARP10 on HeLa whole cell lysate using NB100-2157. PARP10 was also immunoprecipitated using other rabbit anti-PARP10 antibodies.



Immunohistochemistry-Paraffin: PARP10 Antibody [NB100-2157] - Human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PARP10 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



Publications

Khatib JB, Schleicher EM, Jackson LM et al. Complementary CRISPR genome-wide genetic screens in PARP10-knockout and overexpressing cells identify synthetic interactions for PARP10-mediated cellular survival Oncotarget 2022-09-28 [PMID: 36187556] (Western Blot)

Dhoonmoon A, Nicolae CM, Moldovan GL The KU-PARP14 axis differentially regulates DNA resection at stalled replication forks by MRE11 and EXO1 Nature communications 2022-08-27 [PMID: 36030235] (WB, KD, Human)

Details:

Supplementary Figure S1. H: Western blots confirming knockdowns of ZRANB3 and PARP10 in HeLa-BRCA2KO cells.

Schleicher E M, Galvan A M et al. PARP10 promotes cellular proliferation and tumorigenesis by alleviating replication stress. Nucleic Acids Res 2018-09-28 [PMID: 30032250] (WB, Human)

Shahrour MA, Nicolae CM, Edvardson S et al. PARP10 deficiency manifests by severe developmental delay and DNA repair defect Neurogenetics 2016-09-13 [PMID: 27624574] (WB, Human)

Nicolae CM, Aho ER, Vlahos AH et al. The ADP-ribosyltransferase PARP10/ARTD10 interacts with Proliferating Cell Nuclear Antigen (PCNA) and is required for DNA damage tolerance. J Biol Chem 2014-04-07 [PMID: 24695737] (WB)



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Products Related to NB100-2157

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-83689PEP	PARP10 Recombinant Protein Antigen

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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