

Product Datasheet

PARP Antibody - BSA Free NBP2-13732

Unit Size: 0.1 ml

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

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NBP2-13732

PARP Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

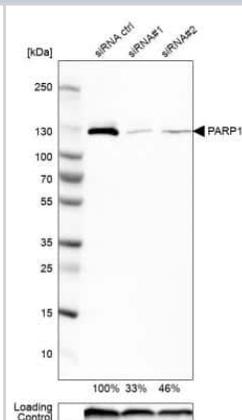
Product Description	
Description	Novus Biologicals Rabbit PARP Antibody - BSA Free (NBP2-13732) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PARP Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	142
Gene Symbol	PARP1
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:34890590) .
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: KGGKVFSATLGLVDIVKGTNSYYKLQLLEDDKENRYWIFRSWGRVGTVIGSNK LEQMPSKEDAIEHFMKLYEEKTGNAWHSKNFTKYPKKFYPLEIDYGGDEEAVK KLTVNPGTKSKLPKPVQDLIKMIFDVESMKKAM

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

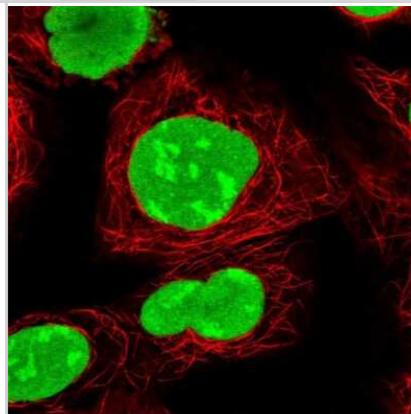


Images

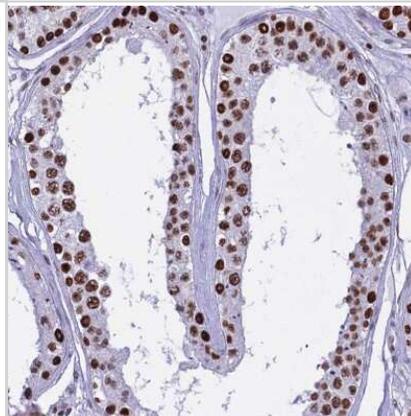
Western Blot: PARP Antibody [NBP2-13732] - Analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



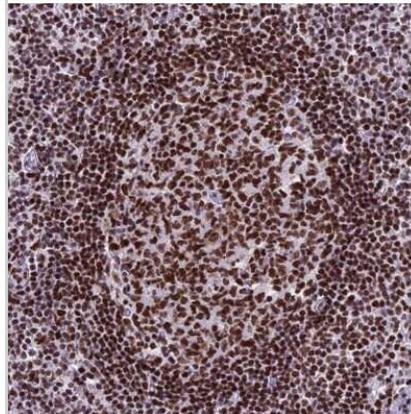
Immunocytochemistry/Immunofluorescence: PARP Antibody [NBP2-13732] - Staining of human cell line HEK 293 shows localization to nucleus. Antibody staining is shown in green.



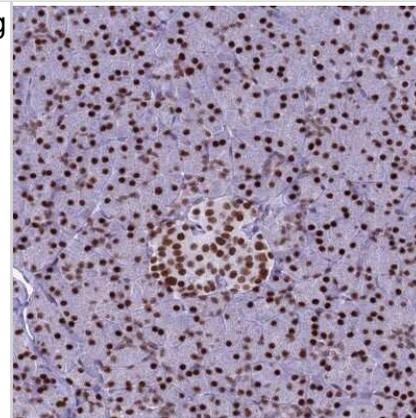
Immunohistochemistry-Paraffin: PARP Antibody [NBP2-13732] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



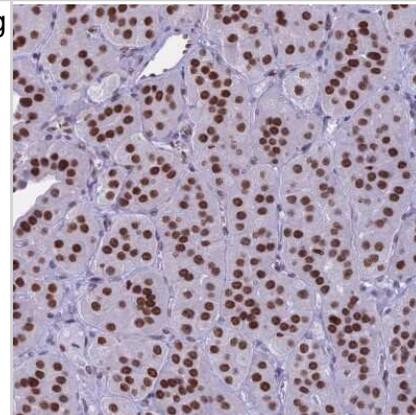
Immunohistochemistry-Paraffin: PARP Antibody [NBP2-13732] - Staining of human lymph node shows strong nuclear positivity in lymphoid cells.



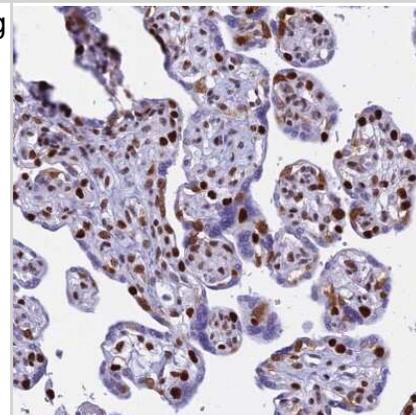
Immunohistochemistry-Paraffin: PARP Antibody [NBP2-13732] - Staining of human pancreas shows strong nuclear positivity.



Immunohistochemistry-Paraffin: PARP Antibody [NBP2-13732] - Staining of human parathyroid gland shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: PARP Antibody [NBP2-13732] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



Publications

Kopiasz ?, Dziendzikowska K, Oczkowski M et al. Low-molar-mass oat beta-glucan impacts autophagy and apoptosis in early stages of induced colorectal carcinogenesis in rats International Journal of Biological Macromolecules 2023-11-01 [PMID: 37924897]

Kitamura H, Tanigawa T, Kuzumoto T et al. Interferon-alpha exerts proinflammatory properties in experimental radiation-induced esophagitis: Possible involvement of plasmacytoid dendritic cells Life sciences 2022-01-15 [PMID: 34890590] (WB, Mouse)

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).

Tadi SK, Tellier-Lebegue C, Nemoz C et al. PAXX Is an Accessory c-NHEJ Factor that Associates with Ku70 and Has Overlapping Functions with XLF. Cell Rep 2016-10-04 [PMID: 27705800] (WB, Human)



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Products Related to NBP2-13732

NBP2-13732PEP	PARP Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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