

# Product Datasheet

## XRCC1 [p Ser461] Antibody - BSA Free NB100-533

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-533**

XRCC1 [p Ser461] Antibody - BSA Free

Product Information	
Unit Size	100 ul
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)

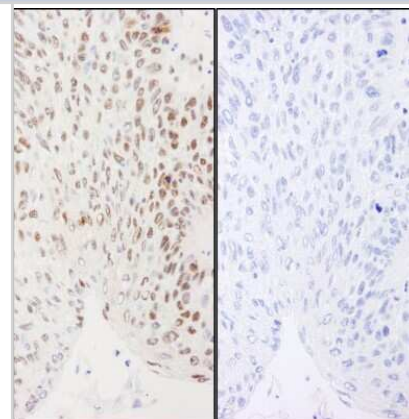
Product Description	
Description	Novus Biologicals Rabbit XRCC1 [p Ser461] Antibody - BSA Free (NB100-533) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7515
Gene Symbol	XRCC1
Species	Human
Specificity/Sensitivity	NB100-533 is specific for phospho serine human XRCC1 protein.
Immunogen	The immunogen recognized by this antibody maps to a region of surrounding residue Ser 461 of human X-ray Repair Complementing protein 1 using the numbering given in SwissProt entry P18887 (GeneID 7515).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 -1:5000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:500 - 1:2000
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

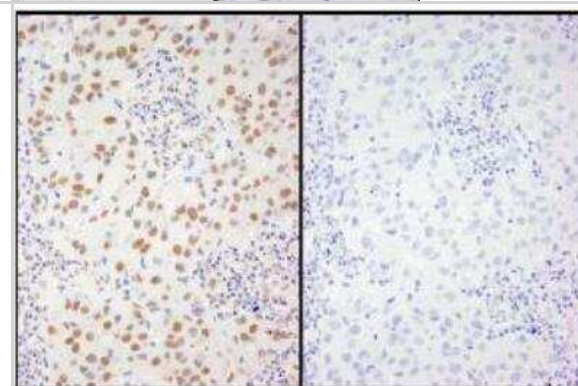


## Images

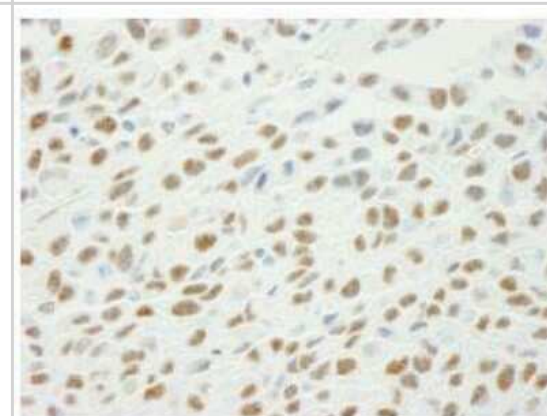
Immunohistochemistry: XRCC1 [p Ser461] Antibody [NB100-533] - Samples: FFPE serial sections of human larynx squamous cell carcinoma. Mock phosphatase treated section (left) and calf intestinal phosphatase-treated section (right). Antibody: Affinity purified rabbit anti-Phospho XRCC1 (S461). used at a dilution of 1:1



Immunohistochemistry-Paraffin: XRCC1 [p Ser461] Antibody [NB100-533] - FFPE serial sections of human breast adenocarcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho XRCC1 (S461). Antibody: Affinity purified rabbit anti-Phospho XRCC1 (S461). used at a dilution of 1:250. Detection: DAB staining using Immunohistochemistry Accessory Ki



Immunohistochemistry-Paraffin: XRCC1 [p Ser461] Antibody [NB100-533] - Mouse Phospho XRCC1 (S461). Sample: FFPE section of mouse squamous cell carcinoma. Antibody: Affinity purified rabbit anti-Phospho XRCC1 (S461) dilution-1:250.





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### **Products Related to NB100-533**

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NBL1-17913	XRCC1 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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