# Product Datasheet

## XRCC4 Antibody
## NBP1-30878

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

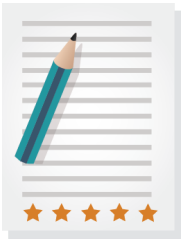
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**Publications: 1**

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# NBP1-30878

XRCC4 Antibody

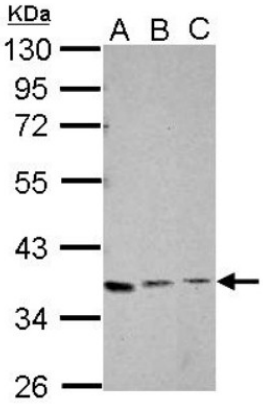
| Product Information | |
|---|---|
| **Unit Size** | 100 ul |
| **Concentration** | 1 mg/ml |
| **Storage** | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| **Clonality** | Polyclonal |
| **Preservative** | 0.01% Thimerosal |
| **Isotype** | IgG |
| **Purity** | Immunogen affinity purified |
| **Buffer** | 0.1M Tris (pH 7.0), 0.1M Glycine and 10% Glycerol |
| **Target Molecular Weight** | 38 kDa |

| Product Description | |
|---|---|
| **Host** | Rabbit |
| **Gene ID** | 7518 |
| **Gene Symbol** | XRCC4 |
| **Species** | Human |
| **Reactivity Notes** | Expected cross reactivity based on sequence homology: Chimpanzee (100%). |
| **Immunogen** | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human XRCC4. The exact sequence is proprietary. |

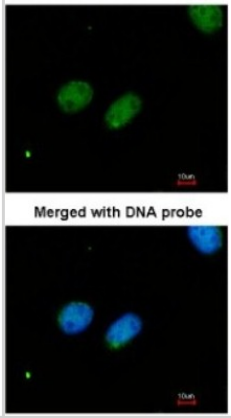
| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| **Recommended Dilutions** | Western Blot 1:500 - 1:3000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/Immunofluorescence 1:100 - 1:1000, Immunohistochemistry-Paraffin 1:100 - 1:1000 |

## Images

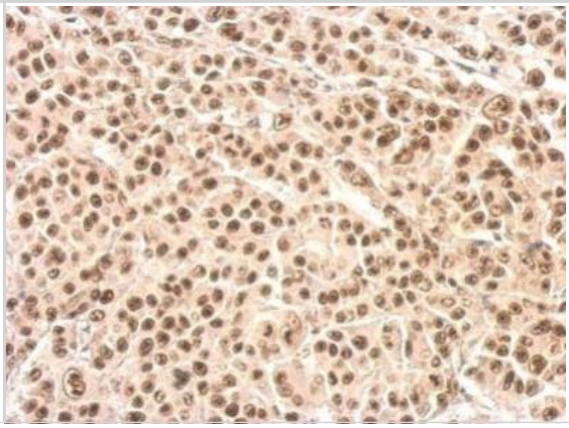
Western Blot: XRCC4 Antibody [NBP1-30878] - Sample (30 ug of whole cell lysate) A: Jurkat B: K562 C: HL-60 10% SDS PAGE; antibody diluted at 1:1000.




Immunocytochemistry/Immunofluorescence: XRCC4 Antibody [NBP1-30878] - Paraformaldehyde-fixed HeLa, using antibody at 1:200 dilution.




Immunohistochemistry-Paraffin: XRCC4 Antibody [NBP1-30878] - Paraffin-embedded HBL435 xenograft. XRCC4 antibody dilution: 1:500.



## Publications

van Sluis M, McStay B. A localized nucleolar DNA damage response facilitates recruitment of the homology-directed repair machinery independent of cell cycle stage. Genes Dev 2015 Jun 1 [PMID: 26019174] (ICC/IF, Human)

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## Products Related to NBP1-30878

| | |
|---|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NB810-56910-10mg | Rabbit IgG Isotype Control |
| H00007518-P01-10ug | XRCC4 Recombinant Protein |

### 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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