

# Product Datasheet

## Exonuclease 1 Antibody NBP1-19709

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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**NBP1-19709**

## Exonuclease 1 Antibody

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.9% Sodium Azide
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Target Molecular Weight</b>	94 kDa

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	9156
<b>Gene Symbol</b>	EXO1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Exo1 (K86) pAb detects endogenous levels of Exo1 rotein.
<b>Immunogen</b>	Synthetic peptide, corresponding to amino acids 55-05 of Human Exo1.

Product Application Details	
<b>Applications</b>	Western Blot, Chromatin Immunoprecipitation, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Chromatin Immunoprecipitation 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:200
<b>Application Notes</b>	Western blot (WB) analysis of Exo1 (K86) pAb in extracts from raw264.7 cells. Use in chromatin immunoprecipitation reported in scientific literature (PMID 24591601)

**Publications**

van Dam TP DNA polymerase beta prevents AID-instigated mutagenic non-canonical mismatch DNA repair bioRxiv 2020-01-01 (IP, Mouse)

Zahn A, Eranki AK, Patenaude AM et al. Activation induced deaminase C-terminal domain links DNA breaks to end protection and repair during class switch recombination. Proc. Natl. Acad. Sci. U.S.A. 2014-03-03 [PMID: 24591601] (Chemotaxis, Mouse)

Cortizas EM, Zahn A, Hajjar ME et al. Alternative End-Joining and Classical Nonhomologous End-Joining Pathways Repair Different Types of Double-Strand Breaks during Class-Switch Recombination. J Immunol. 2013-12-01 [PMID: 24146042] (WB, Mouse)

Peterson SE, Li Y, Chait BT et al. Cdk1 uncouples CtIP-dependent resection and Rad51 filament formation during M-phase double-strand break repair. J Cell Biol;194(5):705-720. 2011-09-05 [PMID: 21893598]





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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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