

EXO1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51200**Specification**

EXO1 Antibody - Product Information

Application	WB, ICC, E
Primary Accession	O9UQ84
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94 KDa

EXO1 Antibody - Additional Information**Gene ID** 9156**Other Names**

Exonuclease 1, hExo1, 31--, Exonuclease I, hExoI, EXO1, EXOI, HEX1

Dilution

WB~~1:1000

ICC~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

EXO1 Antibody - Protein Information**Name** EXO1**Synonyms** EXOI, HEX1**Function**

5'→3' double-stranded DNA exonuclease which may also possess a cryptic 3'→5' double-stranded DNA exonuclease activity. Functions in DNA mismatch repair (MMR) to excise mismatch-containing DNA tracts directed by strand breaks located either 5' or 3' to the mismatch. Also exhibits endonuclease activity against 5'-overhanging flap structures similar to those generated by displacement synthesis when DNA polymerase encounters the 5'-end of a downstream Okazaki fragment. Required for somatic hypermutation (SHM) and class switch recombination (CSR) of immunoglobulin genes. Essential for male and female meiosis.

Cellular Location

Nucleus Note=Colocalizes with PCNA to discrete nuclear foci in S-phase

Tissue Location

Highly expressed in bone marrow, testis and thymus. Expressed at lower levels in colon, lymph nodes, ovary, placenta, prostate, small intestine, spleen and stomach

EXO1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EXO1 Antibody - Images**EXO1 Antibody - Background**

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EXO1 Antibody - References

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Tishkoff D.X., et al. Cancer Res. 58:5027-5031(1998).
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Qiu J., et al. J. Biol. Chem. 274:17893-17900(1999).
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