

## **Exo1 Polyclonal Antibody**

**Catalog # AP69829** 

### **Specification**

# **Exo1 Polyclonal Antibody - Product Information**

Application WB, IF Primary Accession Q9UQ84

Reactivity Human, Mouse

Host Rabbit Clonality Polyclonal

# **Exo1 Polyclonal Antibody - Additional Information**

**Gene ID** 9156

**Other Names** 

EXO1; EXOI; HEX1; Exonuclease 1; hExo1; Exonuclease I; hExoI

**Dilution** 

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet

tested in other applications.

IF~~1:50~200

### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

## **Storage Conditions**

-20°C

### **Exo1 Polyclonal 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** 



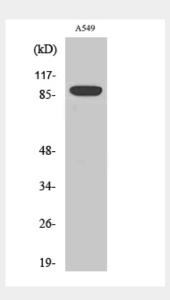
Highly expressed in bone marrow, testis and thymus. Expressed at lower levels in colon, lymph nodes, ovary, placenta, prostate, small intestine, spleen and stomach

# **Exo1 Polyclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Exo1 Polyclonal Antibody - Images



Western Blot analysis of various cells using Exo1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

## **Exo1 Polyclonal Antibody - Background**

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