

## Rabbit anti-Human EXO1 Polyclonal Antibody | anti-EXO1 antibody

EXO1 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA230161</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

EXO1; Polyclonal Antibody; EXO1 Antibody; Exonuclease 1; hExo1; Exonuclease I; hExoI; EXOI; HEX1; anti-EXO1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                          |
|------------------------------------------------|------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                   |
| Reactivity                                     | Human                                                                                    |
| Clonality                                      | Polyclonal                                                                               |
| Isotype                                        | IgG                                                                                      |
| Purity/Purification                            | >95%,Protein G purified                                                                  |
| Form/Format                                    | Liquid                                                                                   |
| Sequence Length                                | 803                                                                                      |
| Applicable Applications for anti-EXO1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                     |
| Immunogen                                      | Recombinant human Exonuclease 1 protein                                                  |
| Conjugation                                    | Non-conjugated                                                                           |
| Storage Buffer                                 | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4            |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19941 / sc-33194 |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach tissue using AAA230161 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA230161 at dilution of 1:100



#### WB (Western Blot)

Western blotAll lanes: EXO1 antibody at 10ug/mL Lane 1: Hela whole cell lysate Lane 2: 293T whole cell lysate Lane 3: A549 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 95,90 kDa Observed band size: 94 kDa

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EXO1 antibody | 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. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 284055276                                                      |
| NCBI GeneID                      | 9156                                                           |
| NCBI Accession #                 | NP_003677.4                                                    |
| NCBI GenBank Nucleotide #        | NM_003686.4                                                    |
| UniProt Accession #              | Q9UQ84; O60545; O75214; O75466; Q5T396; Q96IJ1; Q9UG38; Q9UNW0 |
| Molecular Weight                 | 89,231 Da                                                      |
| NCBI Official Full Name          | exonuclease 1 isoform a                                        |
| NCBI Official Synonym Full Names | exonuclease 1                                                  |
| NCBI Official Symbol             | EXO1                                                           |
| NCBI Official Synonym Symbols    | HEX1; hExoI                                                    |
| NCBI Protein Information         | exonuclease 1                                                  |
| UniProt Protein Name             | Exonuclease 1                                                  |
| UniProt Gene Name                | EXO1                                                           |
| UniProt Synonym Gene Names       | EXO1; HEX1; hExo1; hExoI                                       |
| UniProt Entry Name               | EXO1_HUMAN                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.