

Rabbit EXO1 Polyclonal Antibody | anti-EXO1 antibody

EXO1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324300	Rabbit	Human, Mouse, Rat	Immunohistochemistry, ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

EXO1; Polyclonal Antibody; EXO1 Antibody; exo1; EXO1_HUMAN; ExoI; Exonuclease 1; Exonuclease I; Exonuclease1; HEX1; hExo I; hExo1; hExoI; Rad2 nuclease family member homolog of S. cerevisiae exonuclease 1; anti-EXO1 antibody

PRODUCT SPECIFICATIONS

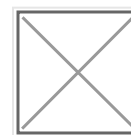
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EXO1 antibody detects endogenous levels of total EXO1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	803
Applicable Applications for anti-EXO1 antibody	IHC (Immunohistochemistry), ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EXO1, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324300 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using EXO1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EXO1 antibody

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.

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	94 KD
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/exo1-antibody-immunohistochemistry-immunocytochemistry-immunofluorescence-western-blot-elisa/324300>