

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

EXO1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290200	Rabbit	Human	Western Blot, ELISA, Immunofluorescence

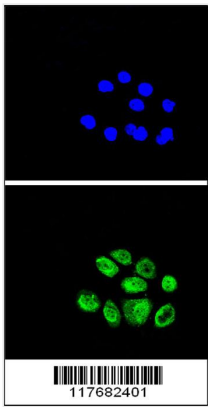
PRODUCT SYNONYMS

EXO1; Polyclonal Antibody; EXO1 Antibody (N-term); Exonuclease 1; hExo1; 31--; Exonuclease I; hExoI; EXOI; HEX1; anti-EXO1 antibody

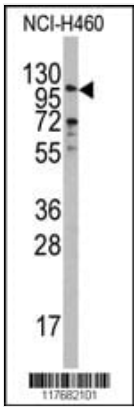
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EXO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human EXO1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	803
Applicable Applications for anti-EXO1 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of EXO1 Antibody (N-term) with A549 cell followed by Alexa Fluor 489-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
Western blot analysis of anti-EXO1 Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). EXO1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-EXO1 antibody	EXO1 is a protein with 5' to 3' exonuclease activity as well as an RNase H activity. This protein is similar to the Saccharomyces cerevisiae protein Exo1 which interacts with Msh2 and which is involved in mismatch repair and recombination.
References	Tishkoff D.X., Amin N.S., Viars C.S.Cancer Res. 58:5027-5031(1998) Lee B.-I., Nguyen L.H.,Nucleic Acids Res. 30:942-949(2002) Alam N.A., Gorman P., Jaeger E.E.M.Cancer Genet. Cytogenet. 147:121-127(2003) Knudsen N.O., Nielsen F.C., Vinther L.Nucleic Acids Res. 35:2609-2619(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	284055276
NCBI GeneID	9156
NCBI Accession #	NP_003677.4; NP_006018.4; NP_569082.2
NCBI GenBank Nucleotide #	NM_003686.4
UniProt Accession #	Q9UQ84; O60545; O75214; O75466; Q5T396; Q96IJ1; Q9UG38; Q9UNW0
Molecular Weight	94103
NCBI Official Full Name	exonuclease 1 isoform a
NCBI Official Synonym Full Names	exonuclease 1
NCBI Official Symbol	EXO1
NCBI Official Synonym Symbols	HEX1; hExo1
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.

