

Datasheet for ABIN7152268

anti-Exonuclease 1 antibody (AA 301-600) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Exonuclease 1 (EX01)
Binding Specificity:	AA 301-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Exonuclease 1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Exonuclease 1 protein (301-600AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Exonuclease 1 (EX01)
Alternative Name:	EX01 (EX01 Products)
Background:	Background: 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

Target Details

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.

Aliases: exo1 antibody, EXO1_HUMAN antibody, ExoI antibody, Exonuclease 1 antibody, Exonuclease I antibody, Exonuclease1 antibody, HEX1 antibody, hExo I antibody, hExo1 antibody, hExoI antibody, Rad2 nuclease family member homolog of S. cerevisiae exonuclease 1 antibody

UniProt:	Q9UQ84
Pathways:	DNA Damage Repair , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.