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Datasheet for ABIN238661

anti-Exonuclease 1 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	Exonuclease 1 (EX01)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Exonuclease 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	EX01
Immunogen:	Peptide with sequence C-HRNYSPRPESGT, from the internal region of the protein sequence according to NP_003677.3, NP_006018.3, NP_569082.1.
Sequence:	HRNYSPRPES GT
Isotype:	IgG
Specificity:	This antibody is expected to recognise all three reported isoforms (NP_003677.3, NP_006018.3 and NP_569082.1)
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: Exonuclease 1 (EX01)

Alternative Name: EX01 ([EX01 Products](#))

Background: EX01, exonuclease 1, HEX1, hExo1, rad2 nuclease family member, homolog of *S. cerevisiae* exonuclease 1

Gene ID: 9156

NCBI Accession: [NP_003677](#), [NP_006018](#), [NP_569082](#)

Pathways: [DNA Damage Repair](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Western Blot: Approx 90 kDa band observed in lysates in cell lines HEK293 and A549 (calculated MW of 89.1 kDa according to NP_003677.3). Recommended concentration: 0.2-0.5 µg/mL. An additional band of unknown identity was also consistently observed at 38k
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Image 1. ABIN238661 (0.2 μ g/ml) staining of A549 cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.