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Datasheet for ABIN2613485 anti-TDP1 antibody (Internal Region)

Image



Overview

Quantity:	100 µg
Target:	TDP1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TDP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	TDP1
Sequence:	PNDGTAQRTE NHG
lsotype:	lgG
Specificity:	Reported variants represent identical protein: NP_001008744.1, NP_060789.2
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	TDP1
Alternative Name:	TDP1 (TDP1 Products)
Background:	TDP1, tyrosyl-DNA phosphodiesterase 1, FLJ11090, MGC104252
Gene ID:	55775
NCBI Accession:	NP_060789
Application Details	
Application Notes:	Western Blot: Approx 75 kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 68.4 kDa according to NP_060789.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
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.

250kDa 150kDa	Western Blotting
100kDa 75kDa	Image 1. ABIN2613485 (2µg/ml) staining of Jurkat nuclear
50kDa	lysate (35µg protein in RIPA buffer). Primary incubation
37kDa	was 1 hour. Detected by chemiluminescence.
25kDa	
20kDa	
15kDa	

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