

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB08729 - Goat Anti-TDP1 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: TDP1, tyrosyl-DNA phosphodiesterase 1, FLJ11090, MGC104252

Official Symbol: TDP1

Accession Number(s): NP\_060789.2

Human GeneID(s): 55775

Important Comments: Reported variants represent identical protein: NP\_001008744.1,

NP\_060789.2

### **Immunogen**

Peptide with sequence C-PNDGTAQRTENHG, from the internal region of the protein sequence according to NP\_060789.2.

Please note the <u>peptide</u> is available for sale.

### **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 75kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 68.4kDa according to NP\_060789.2). Recommended concentration: 1-3μg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB08729 ( $2\mu g/ml$ ) staining of Jurkat nuclear lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.