

#### 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

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## EB07110 - Goat Anti-PARP12 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: PARP12, poly (ADP-ribose) polymerase family, member 12, HGNC:21919, FLJ22693, PARP-12, ZC3H1, ZC3HDC1, zinc finger CCCH type domain

containing 1, zinc finger CCCH-type domain containing 1

Accession Number(s): NP\_073587.1

Human GeneID(s): 64761

Official Symbol: PARP12

## **Immunogen**

Peptide with sequence C-NAHDIKNKSSAP, from the internal region of the protein sequence according to NP\_073587.1.

Please note the peptide 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 1:128000.

Western blot: Preliminary experiments gave an approx 110kDa band in Human Liver lysates and in lysates of hepatoblastoma cell line HEPG2 after 0.03µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 79.1kDa according to NP\_073587.1. The 110kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Immunofluorescence: Anonymous customer has confirmed specificity by siRNA-mediated PARP2 knockdown.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Dog