International Office

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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
Official Symbol: PARP12
Accession Number(s): NP_073587.1
Human GeneID(s): 64761

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