

International Office

Everest Biotech Ltd

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

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07098 - Goat Anti-PARP2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PARP2, poly (ADP-ribose) polymerase family, member 2, HGNC:272, ADPRT2, ADPRTL2, ADPRTL3, PARP-2, pADPRT-2, ADP-ribosyltransferase (NAD poly ADP-ribose polymerase)-like 2, poly (ADP-ribosyl) transferase-like 2, poly(ADP-ribose) synthetase Official Symbol: PARP2

Accession Number(s): NP_005475.1 Human GeneID(s): 10038

Immunogen

Peptide with sequence C-LDLFEVEKDGEKE, from the internal region of the protein sequence according to NP_005475.1.

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 1:8000.

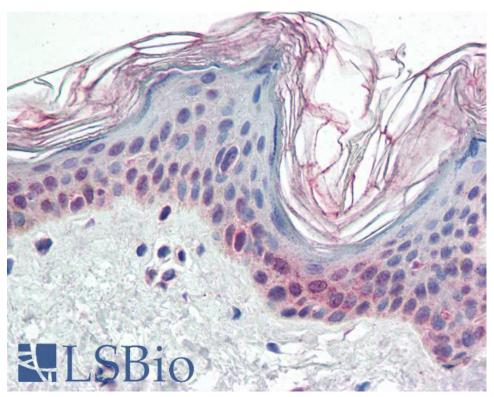
Western blot: Approx 70kDa band observed in Human Spleen lysates (calculated MW of 60.8kDa according to NP_005475.1. Recommended concentration: 1-3μg/ml. **IHC:** Paraffin embedded Human Skin and Adrenal Gland. Recommended concentration: 5μg/ml.

Species Reactivity

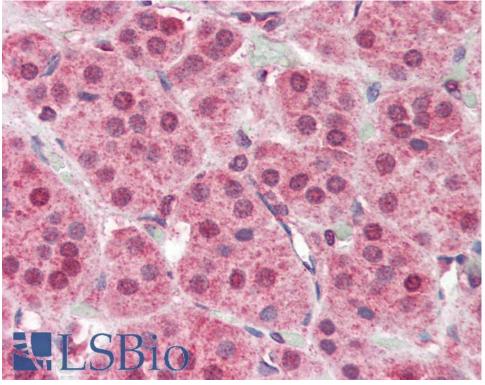
Tested: Human Expected from sequence similarity: Human



EB07098 (1µg/ml) staining of Human Spleen Lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07098 (5µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07098 (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.