

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07100 - Goat Anti-PARP4 / VPARP Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** PARP4, poly (ADP-ribose) polymerase family, member 4, HGNC:271, ADPRTL1, PARPL, PH5P, VAULT3, VPARP, p193, ADP-ribosyltransferase (NAD poly ADP-ribose polymerase)-like 1, H5 proline-rich I-alpha-I-related, OTTHUMP00000042288, PARP-related, poly(ADP-ribose) synthetase, poly(ADP-ribosyl)transferase-like 1, vault protein, 193-kDa

**Official Symbol:** PARP4

**Accession Number(s):** NP\_006428.1

**Human GeneID(s):** [143](#)

### Immunogen

Peptide with sequence DTHELKQKRTDC, from the internal region of the protein sequence according to NP\_006428.1.

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 1:16000.

**Western blot:** Preliminary experiments gave an approx 80-85kDa band in Human Tonsil and HeLa lysates after 0.3µg/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 193kDa according to NP\_006428.1. The 80-85kDa 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?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat, Dog