

## UK Office

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

## EB06037 - Goat Anti-NIPP1 / PPP1R8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PPP1R8, NIPP1, protein phosphatase 1, regulatory (inhibitor) subunit 8, ARD1, NIPP-1, PRO2047, ard-1, activator of RNA decay, nuclear subunit of PP-1, homolog of E.coli RNase E, nuclear inhibitor of protein phosphatase-1, protein phosphatase-1, regulatory subunit-8, ARD-1, RNase E, protein phosphatase 1 regulatory inhibitor subunit 8, protein phosphatase 1 regulatory subunit 8

**Official Symbol:** PPP1R8

**Accession Number(s):** NP\_002704.1; NP\_054829.2; NP\_612568.1

**Human GeneID(s):** [5511](#)

**Non-Human GeneID(s):** 100336 (mouse)

**Important Comments:** This antibody is expected to recognise all three human isoforms of this protein.

### Immunogen

Peptide with sequence C-EAWPGKKPTPSLLI, from the C Terminus of the protein sequence according to NP\_002704.1; NP\_054829.2; NP\_612568.1.

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 1:32000.

**Western blot:** Approx 40kDa band observed in nuclear lysates of cell lines HeLa, HepG2, Jurkat and NIH3T3 (calculated MW of 38.5kDa according to Human NP\_054829.2 and to Mouse NP\_666266.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Lung for this particular batch.

**IHC:** In paraffin embedded Human Thymus shows speckled staining of nuclei. Recommended concentration: 2.5-3.8µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

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

EB06037 (1µg/ml) staining of HeLa (A), HepG2 (B), Jurkat (C) and NIH3T3 (D) nuclear lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06037 (3.8µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.