



## International Office

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

## EB10591 - Goat Anti-POLDIP2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** POLDIP2, polymerase (DNA-directed), delta interacting protein 2, DKFZp586F1524, PDIP38, POLD4, 38 kDa DNA polymerase delta interaction protein, p38, polymerase delta interacting protein 38, polymerase delta-interacting protein 2

**Official Symbol:** POLDIP2

**Accession Number(s):** NP\_056399.1

**Human GenelD(s):** [26073](#)

**Non-Human GenelD(s):** 67811 (mouse)

### Immunogen

Peptide with sequence KTHTYYQVLIDARDC, from the internal region of the protein sequence according to NP\_056399.1.

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

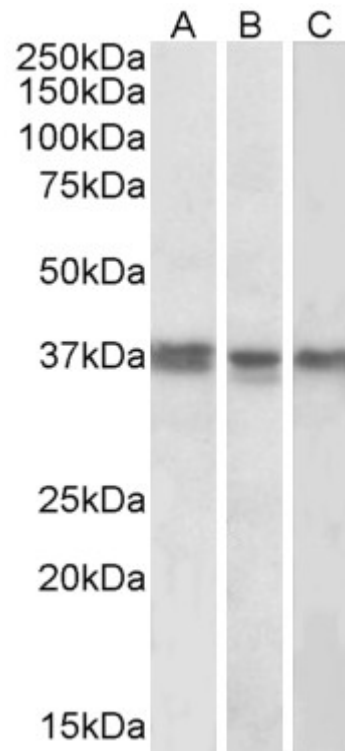
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 37kDa band observed in lysates of cell lines K562 and MCF7 and of Mouse Liver (calculated MW of 42.0kDa according to NP\_056399.1). Approx 37kDa band observed in Rat Vascular Smooth Muscle Cells lysates. The band diminished upon siRNA knock down. Recommended concentration: 1-3µg/ml.

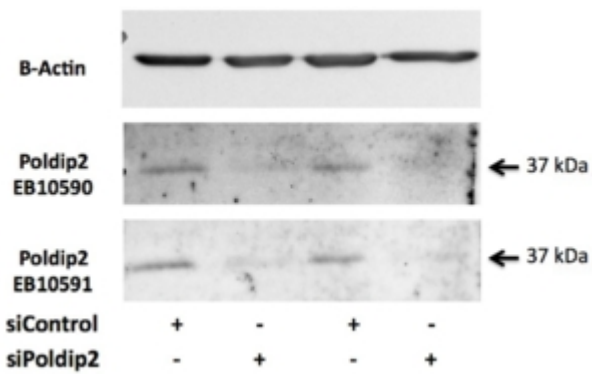
### Species Reactivity

**Tested:** Human, Mouse, Rat

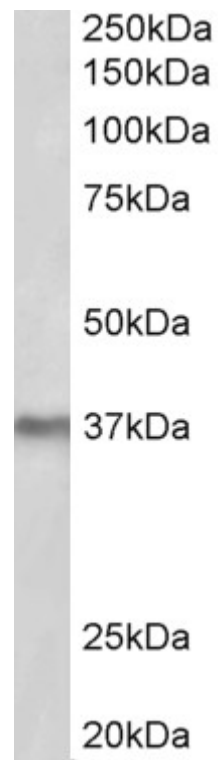
**Expected from sequence similarity:** Human, Rat, Dog, Cow



EB10591 (1 $\mu$ g/ml) staining of K562 (A), MCF7 (B) and Mouse Liver (C) lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was overnight at 4C. Detected by chemiluminescence.



EB10590 (0.5 $\mu$ g/ml) staining of Rat VSMC lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was overnight at 4C. Detected by chemiluminescence. Data provided by Everest Grant winner Dr. B. Lassegue, Emory University, Atlanta, USA



EB10591 (2 $\mu$ g/ml) staining of Mouse Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was overnight at 4C. Detected by chemiluminescence.