

## UK Office

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

## EB09549 - Goat Anti-PREX1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PREX1, phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1, KIAA1415, P-REX1, OTTHUMP00000031228, phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1

**Official Symbol:** PREX1

**Accession Number(s):** NP\_065871.2

**Human GeneID(s):** [57580](#)

**Non-Human GeneID(s):** 277360 (mouse), 311647 (rat)

### Immunogen

Peptide with sequence C-ERSNLPTDASTTA, from the internal region of the protein sequence according to NP\_065871.2.

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:** Approx 150kDa band observed in Human Brain (Temporal Cortex) lysates (calculated MW of 186kDa according to NP\_065871.2). Recommended concentration: 1-3µg/ml.

**IHC:** Paraffin embedded Human Testis. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

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

EB09549 (1µg/ml) staining of Human Temporal Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB09549 (10µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.