

## UK Office

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

## EB08306 - Goat Anti-EXO1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EXO1, exonuclease 1, HEX1, hExol, rad2 nuclease family member, homolog of *S. cerevisiae* exonuclease 1

**Official Symbol:** EXO1

**Accession Number(s):** NP\_003677.3; NP\_006018.3; NP\_569082.1

**Human GeneID(s):** [9156](#)

**Important Comments:** This antibody is expected to recognise all three reported isoforms (NP\_003677.3; NP\_006018.3 and NP\_569082.1)

### Immunogen

Peptide with sequence C-HRNYSRPESGT, from the internal region of the protein sequence according to NP\_003677.3; NP\_006018.3; NP\_569082.1.

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 1:64000.

**Western blot:** Approx 90kDa band observed in lysates in cell lines HEK293 and A549 (calculated MW of 89.1kDa according to NP\_003677.3). Recommended concentration: 0.2-0.5µg/ml. An additional band of unknown identity was also consistently observed at 38kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08306 (0.2 $\mu$ g/ml) staining of A549 cell lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.