

## UK Office

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

## EB06834-T - Goat Anti-SP1 Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** SP1, Sp1 transcription factor, HGNC:11205, specificity protein 1

**Official Symbol:** SP1

**Accession Number(s):** NP\_612482.2; NP\_003100.1

**Human GeneID(s):** [6667](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_612482.2; NP\_003100.1).

### Immunogen

Peptide with sequence CSRIESPENSNNSQ, from the internal region of the protein sequence according to NP\_612482.2; NP\_003100.1.

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

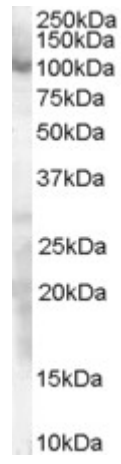
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 100kDa band observed in lysates of cell lines HeLa (calculated MW of 80.7kDa according to NP\_612482.2). Recommended concentration: 0.3-1µg/ml. Primary incubated for 1 hour.

### Species Reactivity

**Tested:** Human

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



EB06834 staining (0.3 $\mu$ g/ml) of HeLa lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Detected by chemiluminescence.