

## UK Office

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

## EB10567 - Goat Anti-SIM1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SIM1, single-minded homolog 1 (Drosophila), bHLHe14, OTTHUMP00000016902, class E basic helix-loop-helix protein 14, single-minded homolog 1

**Official Symbol:** SIM1

**Accession Number(s):** NP\_005059.2

**Human GeneID(s):** [6492](#)

**Non-Human GeneID(s):** 20464 (mouse), 309888 (rat)

### Immunogen

Peptide with sequence C-SGDRYRTEQYQS, from the internal region of the protein sequence according to NP\_005059.2.

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

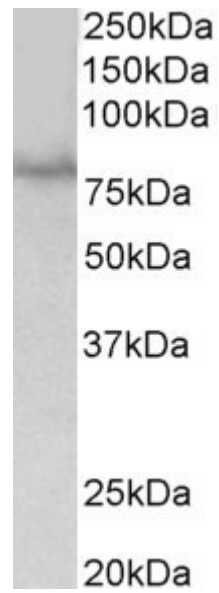
**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Approx 80kDa band observed in lysates of cell line HEK293 (calculated MW of 85.5kDa according to NP\_005059.2). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB10567 (1 $\mu$ g/ml) staining of HEK293 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.