

## UK Office

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

## EB07715 - Goat Anti-SERPINB9 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SERPINB9, serpin peptidase inhibitor, clade B (ovalbumin), member 9, CAP-3, CAP3, PI9, protease inhibitor 9 (ovalbumin type), serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9

**Official Symbol:** SERPINB9

**Accession Number(s):** NP\_004146.1

**Human GeneID(s):** [5272](#)

**Non-Human GeneID(s):** 20723 (mouse)

### Immunogen

Peptide with sequence C-PKFKLQEDYDME, from the internal region of the protein sequence according to NP\_004146.1.

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 1:32000.

**Western blot:** Approx 40-45kDa band observed in Human Lung, Placenta and Tonsil lysates (calculated MW of 42.4kDa according to NP\_004146.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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

EB07715 (0.5µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.