

## UK Office

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

## EB10756 - Goat Anti-Transcortin / CBG (rat) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Serpina6, serine (or cysteine) peptidase inhibitor, clade A, member 6, MGC112780, Cbg, corticosteroid binding globulin, corticosteroid-binding globulin, serine (or cysteine) proteinase inhibitor, clade A, (alpha-1 antiproteinase, antitrypsin) member 6, serpin A6, transcortin

**Official Symbol:** Serpina6

**Accession Number(s):** NP\_001009663.1

**Non-Human GeneID(s):** 299270 (rat)

### Immunogen

Peptide with sequence C-KASQQINQHVKDKT, from the internal region of the protein sequence according to NP\_001009663.1.

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 55kDa band observed in Rat Liver lysates (calculated MW of 44.7kDa according to NP\_001009663.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Richard et al, Endocrinology. 2010 Feb;151(2):649-59; PMID: 20022933). Recommended concentration: 0.03-0.1µg/ml.

### Species Reactivity

**Tested:** Rat

**Expected from sequence similarity:** Rat

### Specific Reference

Romero Mdel M, Holmgren-Holm F, Grasa Mdel M, Esteve M, Remesar X, Fernández-López JA, Alemany M.

Modulation in Wistar rats of blood corticosterone compartmentation by sex and a cafeteria diet.

PLoS One. 2013;8(2):e57342.

PMID: 23451210



EB10756 (0.03 $\mu$ g/ml) staining of Rat Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.