

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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.