

## UK Office

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

## EB06682-T - Goat Anti-PCSK9 (C Terminus) Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** PCSK9, FH3, NARC1, HCHOLA3, proprotein convertase subtilisin/kexin type 9, neural apoptosis regulated convertase 1, hypercholesterolemia, autosomal dominant 3, proprotein convertase subtilisin/kexin type 9, LDLQC1, NARC-1

**Official Symbol:** PCSK9

**Accession Number(s):** NP\_777596.2

**Human GeneID(s):** [255738](#)

### Immunogen

Peptide with sequence CRSRHQAQASQELQ, from the C Terminus of the protein sequence according to NP\_777596.2.

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 1:16000.

**Western blot:** Approx 75kDa band observed in Human Adipose lysates (calculated MW of 74.3kDa according to NP\_777596.2). Recommended concentration: 0.3-1µg/ml.

Primary incubation was 1 hour. Constructs and lysates were as described in Sun et al Hum Mol Genet. 2005 May 1;14(9):1161-9, PMID: 15772090. A customer found positive results in WB on Human Liver.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06682 (0.3µg/ml) staining of Human Adipose lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06682 (4µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. **This data is from a previous batch, not on sale.**