



## International Office

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

## EB07514 - Goat Anti-PCSK9 (aa164-175) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** PCSK9

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

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

### Immunogen

Peptide with sequence C-PRYRADEYQPPD, from the internal region 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

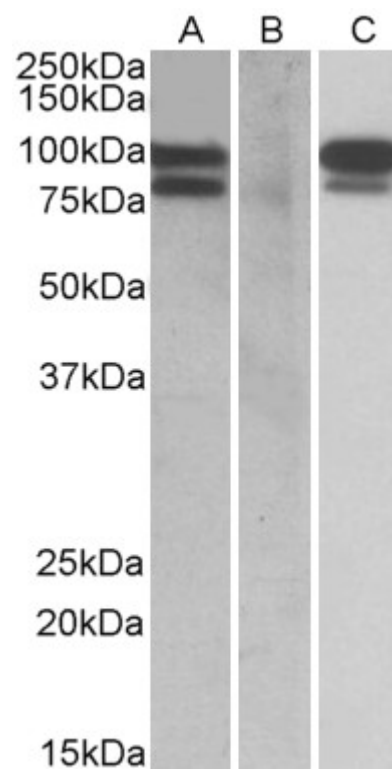
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** In transfected HEK293 transiently expressing full-length Human PCSK9 (myc and DYKDDDDK tagged), a doublet of approx. 80-100kDa was observed. No bands were observed in mock-transfected HEK293 and the same bands were observed using anti-myc tag antibody. Recommended concentration, 0.1-0.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human PCSK9 with C-terminal MYC tag probed with EB07514 (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB07514 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.