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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

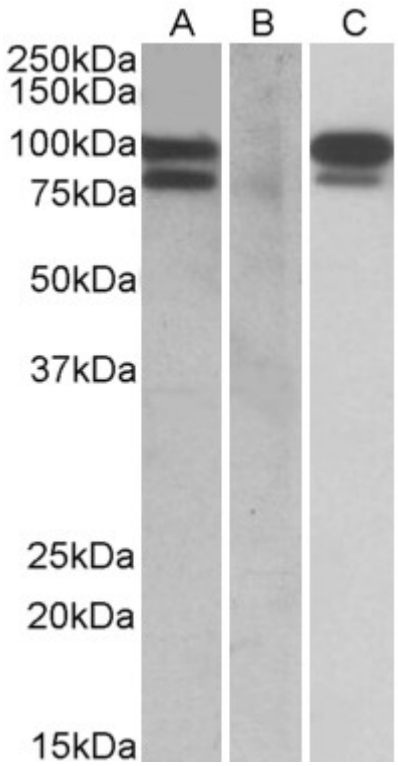
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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.