

Goat anti-PCSK9 (C Terminus) Antibody

Item Number	dAP-0603
Target Molecule	Principle Name: PCSK9 (C Terminus); Official Symbol: PCSK9; All Names and Symbols: 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; Accession Number (s): NP_777596.2; Human Gene ID(s): 255738; Non-Human GeneID(s):
Immunogen	CRSRHLAQASQELQ, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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 Gen
IHC	
Reference	Reference(s): Cohen J, Pertsemlidis A, Kotowski IK, Graham R, Garcia CK, Hobbs HH. Low LDL cholesterol in individuals of African descent resulting from frequent nonsense mutations in PCSK9. Nat Genet. 2005 Feb;37(2):161-165. Epub 2005 Jan 16. .PMID: 15654334 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**