

Goat anti-PCSK9 (aa214-228) Antibody

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| Item Number | dAP-2246 |
| Target Molecule | Principle Name: PCSK9 (aa214-228); Official Symbol: PCSK9; All Names and Symbols: PCSK9; proprotein convertase subtilisin/kexin type 9; FH3; HCHOLA3; LDLQCQ1; NARC-1; NARC1; OTTHUMP00000009833; convertase subtilisin/kexin type 9 preproprotein; hypercholesterolemia, autosomal dominant 3; neural apoptosis regulated convertase 1; Accession Number (s): NP_777596.2; Human Gene ID(s): 255738; Non-Human GeneID(s): |
| Immunogen | TRFHRQASKCDSHGT, is from internal region |
| Applications | Pep ELISA, WB Trf 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: 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 t |
| IHC | |
| Reference | Reference(s): Kwon HJ, Lagace TA, McNutt MC, Horton JD, Deisenhofer J, Molecular basis for LDL receptor recognition by PCSK9. Proc. Natl. Acad. Sci. U.S.A. 2008 Feb 105 (6): 1820-5..PMID: 18250299-> |

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**