

Goat anti-Clusterin / APOJ (aa44-58) Antibody

Item Number	dAP-2700
Target Molecule	Principle Name: Clusterin / APOJ (aa44-58); Official Symbol: CLU; All Names and Symbols: CLU; clusterin; APOJ; CLI; KUB1; MGC24903; SGP-2; SGP2; SP-40; TRPM-2; TRPM2; NA1/NA2; OTTHUMP00000128311; OTTHUMP00000225247; OTTHUMP00000225248; OTTHUMP00000225249; aging-associated protein 4; apo-J; apolipoprotein J; complement cytolysis inhibitor; com; Accession Number (s): NP_976084.1; Human Gene ID(s): 1191; Non-Human GeneID(s):
Immunogen	KEIQNAVNGVKQIKT, is from internal region
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 64000.
Western Blot	Western Blot: Approx 37kDa band observed in human Prostate lysates (calculated MW of 52.5 according to NP_976084.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (PMID: 9713325 and PMID: 11560857).
IHC	
Reference	Reference(s): Hassan MK, Watari H, Christenson L, Bettuzzi S, Sakuragi N. Intracellular clusterin negatively regulates ovarian chemoresistance: compromised expression sensitizes ovarian cancer cells to paclitaxel. Tumour Biol. 2011 Oct;32(5):1031-47..PMID: 21761117->

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**