



Goat anti-COPA Antibody

Item Number	dAP-2739
Target Molecule	Principle Name: COPA; Official Symbol: COPA; All Names and Symbols: COPA; coatomer protein complex, subunit alpha; FLJ26320; HEP-COP; alpha coat protein; xenin; Accession Number (s): NP_001091868.1; NP_004362.2; Human Gene ID(s): 1314; Non-Human GeneID(s): 12847 (mouse) 304978 (rat)
Immunogen	CTRASNLENST, is from internal region This antibody is expected to recognize both reported isoforms (NP_001091868.1; NP_004362.2).
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 1000.
Western Blot	Western Blot: Approx 140kDa band observed in Human Prostate lysates (calculated MW of 138kDa according to NP_001091868.1 and NP_004362.2). Recommended concentration: 0.5-2µg/ml. An additional band of 52kDa was consistently observed, however this band was
IHC	
Reference	Reference(s): Kano F, Yamauchi S, Yoshida Y, Watanabe-Takahashi M, Nishikawa K, Nakamura N, Murata M, Yip1A regulates the COPI-independent retrograde transport from the Golgi complex to the ER. Journal of cell science 2009 Jul 122 (Pt 13): 2218-27..PMID: 19509059->

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**