

## Goat anti-CDC48 / YDL126C Antibody

<b>Item Number</b>	dAP-3150
<b>Target Molecule</b>	Principle Name: CDC48 / YDL126C; Official Symbol: CDC48; All Names and Symbols: CDC48; CDC48p; YDL126C; VCP; transitional endoplasmic reticulum ATPase; valosin containing protein; p97; TERA; Accession Number (s): NP_010157.1; Human Gene ID(s): 7415; Non-Human GeneID(s): 269523 (mouse) 116643 (rat)
<b>Immunogen</b>	HTKNMKLADDVDLE, is from internal region This antibody may cross react in many other species.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 92.0kDa according to NP_010157.1). Recommended concentration: 0.01-0.03µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Baek GH, Kim I, Rao H. The Cdc48 ATPase modulates the interaction between two proteolytic factors Ufd2 and Rad23. Proc Natl Acad Sci U S A. 2011 Aug 16;108(33):13558-63..PMID: 21807993->

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**