

Polyclonal Antibody to Nck - Purified

Alternate names:	DP3088
Catalog No.:	AP00492PU-N
Quantity:	0.5 mg
Concentration:	1 mg/ml
Background:	Nck is a highly conserved protein that has one SH2 and three SH3 domains. It is ubiquitously expressed in mammalian tissues. Nck is phosphorylated on tyrosine, serine, and threonine residues in response to stimulation by EGF and PDGF. Nck has been proposed to function as an adaptor protein by coupling protein tyrosine kinases to signaling pathways that lead to cell proliferation. Overexpression of Nck results in transformation of NIH 3T3 cells.
Host:	Rabbit
Immunogen:	Full length recombinant human NCK protein.
Format:	State: Liquid Purification: Protein A affinity purified immunoglobulin fraction Buffer System: 10mM PBS pH 7.4 with 0.09% sodium azide as preservative and 0.2% BSA as stabilizer.
Applications:	Immunofluorescence and Immunoprecipitation (Denatured): Use Protein A. Ab at 10 µg/mg protein lysate. Western Blotting: 5-10 µg/ml for 2hrs at RT. Recommended positive control: A431 Cells. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Highly specific for Nck. Cellular Localization: Cytoplasmic. Mol. Wt of Antigen: 47kD. Species: Human, Mouse, and Rat. Other species not tested.
Storage:	Store at 4°C for up to one month or in aliquots at -20°C for longer. Avoid repeated freeze thaw cycles! Shelf life: one year from despatch.
General Readings:	1. Birge RB; et al. Genes Cells, 1996, 1:595-613. 2. Kitamura Y; et al. Biochemical J, 1997, 322:873-8. 3. Lawe DC; et al. Oncogen, 1997, 14(2):223-31.