

Goat anti-NEK7 Antibody

Item Number	dAP-2270
Target Molecule	Principle Name: NEK7; Official Symbol: NEK7; All Names and Symbols: NEK7; NIMA (never in mitosis gene a)-related kinase 7; NIMA-related kinase 7; Accession Number (s): NP_598001.1; Human Gene ID(s): 140609; Non-Human GeneID(s): 59125 (mouse) 360850 (rat)
Immunogen	NTLANFRIEKK, 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 35kDa band observed in lysates of cell line HeLa (calculated MW of 34.6kDa according to NP_598001.1). Recommended concentration: 0.05-0.2µg/ml.
IHC	
Reference	Reference(s): Olson JE, Wang X, Pankratz VS, Fredericksen ZS, Vachon CM, Vierkant RA, Cerhan JR, Couch FJ. Centrosome-related genes, genetic variation, and risk of breast cancer. <i>Breast Cancer Res Treat</i> . 2011 Jan;125(1):221-8.. PMID: 20508983->

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 end users! This product is sold for **Research Use Only**