

Goat anti-ARK5 / NUA1 Antibody

Item Number	dAP-1702
Target Molecule	Principle Name: ARK5 / NUA1; Official Symbol: NUA1 ; All Names and Symbols: NUA1 ; NUA1 family, SNF1-like kinase, 1; ARK5; KIAA0537; AMP-activated protein kinase family member 5; AMPK-related protein kinase 5; Accession Number (s): NP_055655.1; Human Gene ID(s): 9891; Non-Human GeneID(s): 299694 (rat)
Immunogen	QNRPRPQYLKRYRNR, 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 8000.
Western Blot	Western Blot: Approx. 75kDa band observed in Human Kidney, Muscle and Ovary lysates (calculated MW of 74.3kDa according to NP_055655.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Kusakai G, Suzuki A, Ogura T, Kaminishi M, Esumi H. Strong association of ARK5 with tumor invasion and metastasis. J Exp Clin Cancer Res. 2004 Jun;23(2):263-8..PMID: 15354411 ->

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**