

Goat anti-UHMK1 Antibody

Item Number	dAP-2085
Target Molecule	Principle Name: UHMK1; Official Symbol: UHMK1; All Names and Symbols: UHMK1; U2AF homology motif (UHM) kinase 1; KIS; Kist; KIS protein kinase; OTTHUMP00000029529; kinase interacting stathmin; kinase interacting with leukemia-associated gene (stathmin); Accession Number (s): NP_787062.1; Human Gene ID(s): 127933; Non-Human GenelD(s): 16589 (mouse) 246332 (rat)
Immunogen	AGDSKAAQKLLTGR, is from C-Terminus (near)
Applications	Pep ELISA Species Tested:
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 2000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum, Hippocampus and Substantia nigra) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - h
IHC	
Reference	Reference(s): Nakamura S, Okinaka K, Hirano I, Ono T, Sugimoto Y, Shigeno K, Fujisawa S, Shinjo K, Ohnishi K. KIS induces proliferation and the cell cycle progression through the phosphorylation of p27Kip1 in leukemia cells Leuk Res. 2008 Sep;32(9):1358-65. Epub 2008 Apr 2..PMID: 18384876->

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**