



## Goat anti-MELK Antibody

<b>Item Number</b>	dAP-0029
<b>Target Molecule</b>	Principle Name: MELK; Official Symbol: MELK; All Names and Symbols: MELK; maternal embryonic leucine zipper kinase; KIAA0175; RP11-8N6.1; HPK38; OTTHUMP00000046113; pEg3 kinase; Accession Number (s): NP_055606.1; Human Gene ID(s): 9833; Non-Human GeneID(s):
<b>Immunogen</b>	KRLVEDILSSCKV, is from C Terminus
<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 32000.
<b>Western Blot</b>	Western Blot: Experiments gave bands at approx 75kDa and 150kDa in Human Testis lysates and in cell lines HeLa and Jurkat after 0.1µg/ml antibody staining. The 150kDa band is explained by glycosylation of this member of the AMPK family. This protein has a
<b>IHC</b>	
<b>Reference</b>	Reference(s): Nagase T, Seki N, Ishikawa K, Tanaka A, Nomura N. Prediction of the coding sequences of unidentified human genes. V. The coding sequences of 40 new genes (KIAA0161-KIAA0200) deduced by analysis of cDNA clones from human cell line KG-1. DNA Res 1996 Feb 29;3(1):17-24.PMID: 8724849->

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**