

MELK Antibody

MELK; maternal embryonic leucine zipper kinase; KIAA0175; RP11-8N6.1; HPK38; OTTHUMP00000046113; pEg3 kinase

CATALOG NO.: 45-089

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

MELK Antibody.

SOURCE:

MELK antibody was raised against a synthetic peptide near the C-terminus of MELK.

PROTEIN ACCESSION NUMBER(S) :

NP_055606.1

SPECIES REACTIVITY:

Human

TESTED APPLICATION:

ELISA, Western Blot

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:32,000.
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 glycosyl

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

Antibody is supplied as 0.1mg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of MELK in Human Testes lysate (RIPA buffer, 1.4E5 cells per lane). Detected by western blot using chemiluminescence using MELK antibody (0.1µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

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

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.