

<b>Cat. No:</b>	ABN13817
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human MELK. AA range:431-480
<b>Reactivity:</b>	Human,Rat,Mouse
<b>Applications:</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight:</b>	75kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	MELK; KIAA0175; Maternal embryonic leucine zipper kinase; hMELK; Protein kinase Eg3; pEg3 kinase; Protein kinase PK38; hPK38; Tyrosine-protein kinase MELK  catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Phosphorylates ZNF622 and may contribute to its redirection to the nucleus. May be involved in the inhibition of spliceosome assembly during mitosis.,PTM:Autophosphorylated. Thr-478 phosphorylation during mitosis promotes interaction with PPP1R8.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily.,similarity:Contains 1 KA1 (kinase-associated) domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with ZNF622 and PPP1R8.,tissue specificity:Expressed in placenta, kidney, thymus, testis, ovary and intestine.,catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Phosphorylates ZNF622 and may contribute to its redirection to the nucleus. May be involved in the inhibition of spliceosome assembly during mitosis.,PTM:Autophosphorylated. Thr-478 phosphorylation during mitosis promotes interaction with PPP1R8.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily.,similarity:Contains 1 KA1 (kinase-associated) domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with ZNF622 and PPP1R8.,tissue specificity:Expressed in placenta, kidney, thymus, testis, ovary and intestine.,
<b>Background:</b>	
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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