

## 35-1794: Polyclonal Antibody to MELK

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	MELK
<b>Gene ID :</b>	9833
<b>Uniprot ID :</b>	Q14680
<b>Format :</b>	Purified
<b>Alternative Name :</b>	hPK38, KIAA0175, hMELK
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.626~630 (I-R-R-Q-R) derived from Human MELK.

### Description

Phosphorylates ZNF622 and may contribute to its redirection to the nucleus. May be involved in the inhibition of spliceosome assembly during mitosis. Seong H.-A., Gil M., Kim K.-T., Kim S.-J., Ha H. Biochem. J. 361:597-604(2002) Vulsteke V., Beullens M., Boudrez A., Keppens S. Biol. Chem. 279:8642-8647(2004)

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 74kd, Western blotting: 1:500

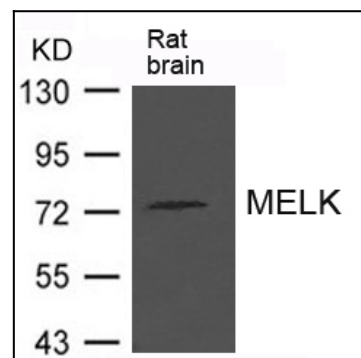


Figure 1: Western blot analysis of extract from Rat brain tissue using MELK Antibody 35-1794