Anti-MELK (aa 1-269) polyclonal antibody (DPABH-05320)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

**Antigen Description**
Phosphorylates ZNF622 and may contribute to its redirection to the nucleus. May be involved in the inhibition of spliceosome assembly during mitosis.

**Immunogen**
Recombinant fragment, corresponding to a region within amino acids 1-269 of Human MELK (Uniprot ID: Q14680).

**Isotype**
IgG

**Source/Host**
Rabbit

**Species Reactivity**
Human

**Purification**
Immunogen affinity purified

**Conjugate**
Unconjugated

**Applications**
WB, IHC-P, ICC/IF

**Format**
Liquid

**Size**
100 μl

**Buffer**
pH: 7.00; Constituents: 0.75% Glycine, 1.21% Tris, 20% Glycerol

**Preservative**
None

**Storage**
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

**Gene Name**
MELK maternal embryonic leucine zipper kinase [Homo sapiens]

**Official Symbol**
MELK

**Synonyms**
MELK; maternal embryonic leucine zipper kinase; KIAA0175; pEg3 kinase; protein kinase Eg3; protein kinase PK38; tyrosine-protein kinase MELK; HPK38;

**Entrez Gene ID**
9833
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<thead>
<tr>
<th>Protein Refseq</th>
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<tbody>
<tr>
<td>UniProt ID</td>
<td>Q14680</td>
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<tr>
<td>Chromosome Location</td>
<td>9p13.1</td>
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<tr>
<td>Function</td>
<td>ATP binding; calcium ion binding; lipid binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein serine/threonine kinase activity</td>
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