10320 Camino Santa Fe, Suite G
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DOLK Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8834c

Specification

DOLK Antibody (Center) Blocking Peptide - Product Information

Primary Accession	Q9UPQ8

DOLK Antibody (Center) Blocking Peptide - Additional Information

Gene ID 22845

Other Names
Dolichol kinase, Transmembrane protein 15, DOLK, KIAA1094, TMEM15

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8834c was selected from the Center region of human DOLK. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DOLK Antibody (Center) Blocking Peptide - Protein Information

Name DOLK

Synonyms KIAA1094, TMEM15

Function
Catalyzes CTP-mediated phosphorylation of dolichol, the terminal step in de novo dolichyl monophosphate (Dol-P) biosynthesis (PubMed:12213788, PubMed:16923818, PubMed:17273964). Dol-P is a lipid carrier essential for the synthesis of N-linked and O-linked oligosaccharides and for GPI anchors (PubMed:12213788).

Cellular Location

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Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location
Ubiquitous.

DOLK Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

DOLK Antibody (Center) Blocking Peptide - Images

DOLK Antibody (Center) Blocking Peptide - Background

DOLK is involved in the synthesis of the sugar donor Dol-P-Man which is required in the synthesis of N-linked and O-linked oligosaccharides and for that of GPI anchors (By similarity).

DOLK Antibody (Center) Blocking Peptide - References

Shridas,P. et.al., J. Biol. Chem. 281 (42), 31696-31704 (2006)