

DKKL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1525b**Specification**

DKKL1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O9UK85](#)
Other Accession [NP_055234](#)

DKKL1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 27120

Other Names

Dickkopf-like protein 1, Cancer/testis antigen 34, CT34, Protein soggy-1, SGY-1, DKKL1, SGY1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1525b](/product/products/AP1525b) was selected from the C-term region of human DKKL1. 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.

DKKL1 Antibody (C-term) Blocking Peptide - Protein Information

Name DKKL1 ([HGNC:16528](#))

Function

Involved in fertilization by facilitating sperm penetration of the zona pellucida. May promote spermatocyte apoptosis, thereby limiting sperm production. In adults, may reduce testosterone synthesis in Leydig cells. Is not essential either for development or fertility.

Cellular Location

Secreted {ECO:0000250|UniProtKB:Q9QZL9}. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9QZL9}. Note=Localized specifically to the crescent shaped acrosome at the apex of the sperm head {ECO:0000250|UniProtKB:Q9QZL9}

Tissue Location

More highly expressed in adult testis than in fetal testis. Exclusively expressed in the testis (at

protein level). Intense expression in stages II, III and IV of spermatogenesis, whereas expression is lower in stage I.

DKKL1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DKKL1 Antibody (C-term) Blocking Peptide - Images

DKKL1 Antibody (C-term) Blocking Peptide - Background

The dickkopf protein family interacts with the Wnt signaling pathway and its members are characterized by two conserved cysteine-rich domains. This gene encodes a secreted protein that has high similarity to the N-terminus of the dickkopf-3 protein and moderate similarity to that protein's C-terminus though the C-terminal cysteine residues are not conserved.

DKKL1 Antibody (C-term) Blocking Peptide - References

Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Krupnik, V.E., et al., Gene 238(2):301-313 (1999).