

DNAL4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13567a**Specification**

DNAL4 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [O96015](#)**DNAL4 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 10126**Other Names**

Dynein light chain 4, axonemal, DNAL4

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13567a was selected from the N-term region of DNAL4. 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.

DNAL4 Antibody (N-term) Blocking peptide - Protein Information**Name** DNAL4**Function**

Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme

DNAL4 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

DNAL4 Antibody (N-term) Blocking peptide - Images**DNAL4 Antibody (N-term) Blocking peptide - Background**

DNAL4 is a component of the dynein motor complex (Iwasaki et al., 2005 [PubMed 15454493]).

DNAL4 Antibody (N-term) Blocking peptide - References

Iwasaki, M., et al. Blood 105(2):784-793(2005) Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004)
:Collins, J.E., et al. Genome Res. 13(1):27-36(2003) Yano, H., et al. J. Neurosci. 21 (3), RC125 (2001)
:Dunham, I., et al. Nature 402(6761):489-495(1999)