

IQUB Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5621c**Specification**

IQUB Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q8NA54](#)
Other Accession [NP_849149.3](#)

IQUB Antibody (Center) Blocking peptide - Additional Information

Gene ID 154865

Other Names

IQ and ubiquitin-like domain-containing protein, IQUB

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.

IQUB Antibody (Center) Blocking peptide - Protein Information

Name IQUB

Function

Adapter protein that anchors the radial spoke 1 (RS1) complex to the A microtubule of outer doublet microtubules in axonemes (PubMed:36355624). The triple radial spokes (RS1, RS2 and RS3) are required to modulate beating of the sperm flagellum (PubMed:36355624). May play a role in inhibiting signaling via MAPK1/ERK2 and MAPK3/ERK1 (PubMed:36355624). Additionally, may play a role in the functioning of cilia (By similarity). Not required for the functioning of tracheal or ependymal cilia (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q8CDK3}. Cell projection, cilium {ECO:0000250|UniProtKB:Q8CDK3}. Note=Localizes to the axoneme of sperm cells and the cilia of tracheal epithelial cells {ECO:0000250|UniProtKB:Q8CDK3}

IQUB Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

IQUB Antibody (Center) Blocking peptide - Images**IQUB Antibody (Center) Blocking peptide - References**

Kimura, K., et al. Genome Res. 16(1):55-65(2006)Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :