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TTLL9 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP10333a

Specification

TTLL9 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q3SXZ7
Other Accession	NP_001008409.1

TTLL9 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 164395

Other Names
Probable tubulin polyglutamylase TTLL9, 6---, Tubulin--tyrosine ligase-like protein 9, TTLL9, C20orf125

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.

TTLL9 Antibody (N-term) Blocking peptide - Protein Information

Name TTLL9 (HGNC:16118)

Synonyms C20orf125

Function
Probable tubulin polyglutamylase that generates side chains of glutamate on the gamma-carboxyl group of specific glutamate residues within the C-terminal tail of target proteins. Similar to TTLL1, may acquire enzymatic activity only in complex with other proteins as it is most likely lacking domains important for autonomous activity. Mediates tubulin polyglutamylation which induces establishment of microtubule heterogeneity in sperm flagella, thereby playing a role in normal motile flagella axoneme structure and sperm flagella beating pattern.

Cellular Location
Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:A2APC3}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:A2APC3}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:A2APC3}

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TTLL9 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

TTLL9 Antibody (N-term) Blocking peptide - Images

TTLL9 Antibody (N-term) Blocking peptide - References

Janke, C., et al. Science 308(5729):1758-1762(2005)