

**TTL9 Antibody (N-term) Blocking peptide**  
Synthetic peptide  
Catalog # BP10333a**Specification**

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**TTL9 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O3SXZ7](#)  
Other Accession [NP\\_001008409.1](#)

**TTL9 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 164395

**Other Names**

Probable tubulin polyglutamylase TTL9, 6---, Tubulin--tyrosine ligase-like protein 9, TTL9, 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.

**TTL9 Antibody (N-term) Blocking peptide - Protein Information**

**Name** TTL9 ([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 TTL1, 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}

**TLL9 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**TLL9 Antibody (N-term) Blocking peptide - Images****TLL9 Antibody (N-term) Blocking peptide - References**

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