

TTLL11 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5291b**Specification**

TTLL11 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q8NHH1](#)**TTLL11 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 158135**Other Names**

Tubulin polyglutamylase TTLL11, 6---, Tubulin--tyrosine ligase-like protein 11, TTLL11, C9orf20

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.

TTLL11 Antibody (C-term) Blocking peptide - Protein Information**Name** TTLL11 ([HGNC:18113](#))**Synonyms** C9orf20**Function**

Polyglutamylase which modifies tubulin, generating polyglutamate side chains of variable lengths on the gamma-carboxyl group of specific glutamate residues within the C-terminal tail of tubulin. Preferentially mediates ATP-dependent polyglutamate long side- chain elongation over the initiation step of the polyglutamylation reaction. Preferentially modifies the alpha-tubulin tail over a beta- tail (By similarity). Required for CCSAP localization to both spindle and cilia microtubules (PubMed:22493317). Promotes tubulin polyglutamylation which stimulates spastin/SPAST-mediated microtubule severing, thereby regulating microtubule functions (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:A4Q9F4}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:A4Q9F4}

TTLL11 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TTLL11 Antibody (C-term) Blocking peptide - Images