

C16orf80 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP13215a**Specification**

C16orf80 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y6A4](#)**C16orf80 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 29105**Other Names**

Cilia- and flagella-associated protein 20, Basal body up-regulated protein 22, Transcription factor IIB, CFAP20, BUG22, C16orf80

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13215a was selected from the N-term region of C16orf80. 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.

C16orf80 Antibody (N-term) Blocking Peptide - Protein Information**Name** CFAP20 ([HGNC:29523](#))**Synonyms** BUG22, C16orf80, GTL3**Function**

Cilium- and flagellum-specific protein that plays a role in axonemal structure organization and motility (PubMed: [24414207](http://www.uniprot.org/citations/24414207)). Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed: [36191189](http://www.uniprot.org/citations/36191189)). Involved in the regulation of the size and morphology of cilia (PubMed: [24414207](http://www.uniprot.org/citations/24414207)). Required for axonemal microtubules polyglutamylation (PubMed: [24414207](http://www.uniprot.org/citations/24414207)).

Cellular Location

Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole.
Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, cilium axoneme Cytoplasm,
cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q8BTU1}

C16orf80 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C16orf80 Antibody (N-term) Blocking Peptide - Images**C16orf80 Antibody (N-term) Blocking Peptide - Background**

The specific function of this protein remains unknown.

C16orf80 Antibody (N-term) Blocking Peptide - References

Jin, J., et al. Curr. Biol. 14(16):1436-1450(2004)Rijkers, T., et al. Biochim. Biophys. Acta
1307(3):294-300(1996)