

CT117 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10979a**Specification**

CT117 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O94964](#)
Other Accession [NP_542194.2](#)

CT117 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 140710

Other Names

Protein SOGA1, SOGA family member 1, Suppressor of glucose by autophagy, Suppressor of glucose, autophagy-associated protein 1, N-terminal form, C-terminal 80 kDa form, 80-kDa SOGA fragment, SOGA1, C20orf117, KIAA0889, SOGA

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.

CT117 Antibody (N-term) Blocking peptide - Protein Information

Name MTCL2 ([HGNC:16111](#))

Function

Microtubule-associated factor that enables integration of the centrosomal and Golgi-associated microtubules on the Golgi membrane, supporting directional migration. Preferentially acts on the perinuclear microtubules accumulated around the Golgi. Associates with the Golgi membrane through the N-terminal coiled-coil region and directly binds microtubules through the C-terminal domain (By similarity). Required for faithful chromosome segregation during mitosis (PubMed:33587225). Regulates autophagy by playing a role in the reduction of glucose production in an adiponectin- and insulin-dependent manner (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Golgi apparatus membrane {ECO:0000250|UniProtKB:E1U8D0}. Midbody
Note=Associates with microtubules during late mitosis and interphase

CT117 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CT117 Antibody (N-term) Blocking peptide - Images**CT117 Antibody (N-term) Blocking peptide - References**

Brajenovic, M., et al. J. Biol. Chem. 279(13):12804-12811(2004)