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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

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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)