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CT117 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10979A

Specification

CT117 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	O94964
Other Accession	NP_542194.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**183858**
Antigen Region	**97-125**

CT117 Antibody (N-term) - 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

Target/Specificity
This CT117 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-125 amino acids from the N-terminal region of human CT117.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CT117 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CT117 Antibody (N-term) - 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).

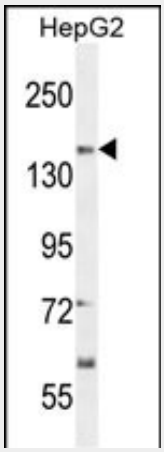
Cellular Location
Cytoplasm, cytoskeleton. Golgi apparatus membrane {ECO:0000250|UniProtKB:E1U8D0}. Midbody
Note=Associates with microtubules during late mitosis and interphase

CT117 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CT117 Antibody (N-term) - Images



CT117 Antibody (N-term) (Cat. #AP10979a) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the CT117 antibody detected the CT117 protein (arrow).

CT117 Antibody (N-term) - References

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