

SOGA1 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS15178**Specification**

SOGA1 Antibody - Product Information

Application	IHC-P
Primary Accession	O94964
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160kDa KDa
Dilution	IHC-P~~N/A

SOGA1 Antibody - 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

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

SOGA1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SOGA1 Antibody - 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

Volume

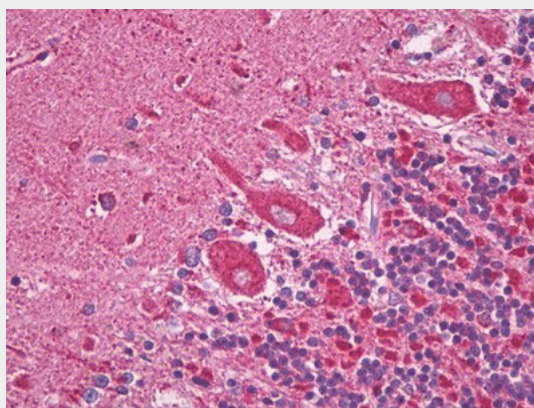
50 µl

SOGA1 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SOGA1 Antibody - Images



Anti-SOGA1 antibody IHC of human brain, cerebellum, Purkinje.

SOGA1 Antibody - Background

Regulates autophagy by playing a role in the reduction of glucose production in an adiponectin- and insulin-dependent manner.

SOGA1 Antibody - References

Nagase T., et al. DNA Res. 5:355-364(1998).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Deloukas P., et al. Nature 414:865-871(2001).
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Coward R.B., et al. Am. J. Pathol. 177:1936-1945(2010).