

SASS6 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18074c**Specification**

SASS6 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q6UVJ0](#)**SASS6 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 163786**Other Names**

Spindle assembly abnormal protein 6 homolog, HsSAS-6, SASS6, SAS6

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.

SASS6 Antibody (Center) Blocking Peptide - Protein Information**Name** SASS6 ([HGNC:25403](#))**Synonyms** SAS6**Function**

Central scaffolding component of the centrioles ensuring their 9-fold symmetry. Required for centrosome biogenesis and duplication: required both for mother-centriole-dependent centriole duplication and deuterosome-dependent centriole amplification in multiciliated cells. Overexpression results in excess foci-bearing centriolar markers. Required for the recruitment of STIL to the procentriole and for STIL-mediated centriole amplification (PubMed:22020124).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=Component of the deuterosome, a structure that promotes de novo centriole amplification in multiciliated cells that can generate more than 100 centrioles (By similarity). Component of the centrosome. Associated only transiently with nascent procentrioles during centriole biogenesis {ECO:0000250|UniProtKB:Q80UK7}

SASS6 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SASS6 Antibody (Center) Blocking Peptide - Images

SASS6 Antibody (Center) Blocking Peptide - Background

SAS6 is necessary for centrosome duplication and functions during procentriole formation; SAS6 functions to ensure that each centriole seeds the formation of a single procentriole per cell cycle Strnad et al., (2007) [PubMed 17681132].

SASS6 Antibody (Center) Blocking Peptide - References

Tang, C.J., et al. Nat. Cell Biol. 11(7):825-831(2009) Strnad, P., et al. Dev. Cell 13(2):203-213(2007) Kleylein-Sohn, J., et al. Dev. Cell 13(2):190-202(2007) Habedanck, R., et al. Nat. Cell Biol. 7(11):1140-1146(2005) Leidel, S., et al. Nat. Cell Biol. 7(2):115-125(2005)