

SASS6 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18074c**Specification**

SASS6 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q6UVJ0
Other Accession	Q80UK7 , NP_919268.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	74397
Antigen Region	325-352

SASS6 Antibody (Center) - Additional Information**Gene ID** 163786**Other Names**

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

Target/Specificity

This SASS6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 325-352 amino acids from the Central region of human SASS6.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

SASS6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SASS6 Antibody (Center) - Protein Information**Name** SASS6 ([HGNC:25403](#))

Synonyms SAS6

Function Central scaffolding component of the centrioles ensuring their 9-fold symmetry (By similarity). Required for centrosome biogenesis and duplication: required both for mother-centriole- dependent centriole duplication and deuterosome-dependent centriole amplification in multiciliated cells (PubMed:[15665853](#), PubMed:[16244668](#), PubMed:[17681131](#)). Not required for centriole formation in embryonic stem cells but necessary to maintain centriole architecture (By similarity). Required for the recruitment of STIL to the procentriole and for STIL-mediated centriole amplification (PubMed:[22020124](#)). Overexpression results in excess foci-bearing centriolar markers (PubMed:[15665853](#)).

Cellular Location

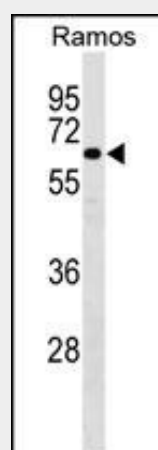
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=Component of the deuterosome, a structure that promotes de novo centriole amplification in multiciliated cells that can generate more than 100 centrioles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

SASS6 Antibody (Center) - 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](#)

SASS6 Antibody (Center) - Images



SASS6 Antibody (Center) (Cat. #AP18074c) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the SASS6 antibody detected the SASS6 protein (arrow).

SASS6 Antibody (Center) - 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) - 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)