

SPC25 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17479c**Specification**

SPC25 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9HBM1](#)**SPC25 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 57405**Other Names**

Kinetochore protein Spc25, hSpc25, SPC25, SPBC25

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.

SPC25 Antibody (Center) Blocking Peptide - Protein Information**Name** SPC25**Synonyms** SPBC25**Function**

Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity (PubMed:14699129, PubMed:14738735). Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore (PubMed:14738735, PubMed:14699129). The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules (PubMed:23085020).

Cellular Location

Nucleus. Chromosome, centromere, kinetochore. Note=Localizes to kinetochores from late prophase to anaphase (PubMed:14738735). Localizes specifically to the outer plate of the kinetochore (PubMed:14738735, PubMed:14699129)

SPC25 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SPC25 Antibody (Center) Blocking Peptide - Images

SPC25 Antibody (Center) Blocking Peptide - Background

This gene encodes a protein that may be involved in kinetochore-microtubule interaction and spindle checkpoint activity.

SPC25 Antibody (Center) Blocking Peptide - References

Pare, G., et al. PLoS Genet. 4 (12), E1000312 (2008) ;Lamesch, P., et al. Genomics 89(3):307-315(2007) Ciferri, C., et al. J. Biol. Chem. 280(32):29088-29095(2005) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Bharadwaj, R., et al. J. Biol. Chem. 279(13):13076-13085(2004)