

SPC25 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14729**Specification**

SPC25 antibody - middle region - Product Information

Application	WB
Primary Accession	Q9HBM1
Other Accession	NM_020675 , NP_065726
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Pig, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 25kDa KDa

SPC25 antibody - middle region - Additional Information**Gene ID** 57405**Alias Symbol** AD024, MGC22228, SPBC25, hSpc25
Other Names
Kinetochore protein Spc25, hSpc25, SPC25, SPBC25**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SPC25 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SPC25 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SPC25 antibody - middle region - 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:14699129)

target="_blank">14699129, PubMed:14738735). 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

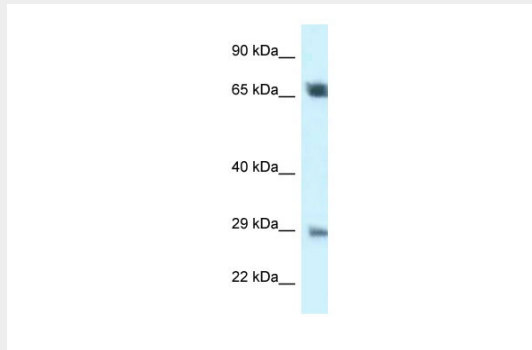
Nucleus. Chromosome, centromere, kinetochore. Note=Localizes to kinetochores from late prophase to anaphase (PubMed:14738735). Localizes specifically to the outer plate of the kinetochore (PubMed:14699129, PubMed:14738735)

SPC25 antibody - middle region - 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](#)

SPC25 antibody - middle region - Images



WB Suggested Anti-SPC25 Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole Cell SPC25 is supported by BioGPS gene expression data to be expressed in 721_B

SPC25 antibody - middle region - References

McClelland M.L., et al. Curr. Biol. 14:131-137(2004).
Xiao H., et al. Submitted (JAN-2000) to the EMBL/GenBank/DDBJ databases.
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Hillier L.W., et al. Nature 434:724-731(2005).