Best Tools for immunology Research

SPC25 rabbit pAb

Catalog No :	YN3495
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	SPC25
Gene Name :	SPC25 SPBC25 AD024
Protein Name :	SPC25
Human Gene Id :	57405
Human Swiss Prot No :	Q9HBM1
Mouse Gene Id :	66442
Mouse Swiss Prot No :	Q3UA16
Rat Gene Id :	295661
Rat Swiss Prot No :	Q5M856
Immunogen :	Synthesized peptide derived from human SPC25 AA range: 17-67
Specificity :	This antibody detects endogenous levels of SPC25 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

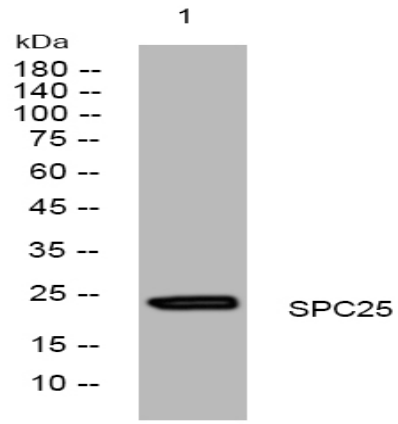
Molecularweight : 25kD

Background : This gene encodes a protein that may be involved in kinetochore-microtubule interaction and spindle checkpoint activity. [provided by RefSeq, Jul 2008],

Function : function:Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore.,similarity:Belongs to the SPC25 family.,subcellular location:Localizes to kinetochores from late prophase to anaphase. Localizes specifically to the outer plate of the kinetochore.,subunit:Component of the NDC80 complex, which consists of NDC80/HEC1, CDCA1, SPBC24 and SPBC25. The NDC80 complex is formed by two subcomplexes composed of NDC80/HEC1-CDCA1 and SPBC24-SPBC25. Each subcomplex is formed by parallel interactions through the coiled-coil domains of individual subunits. Formation of a tetrameric complex is mediated by interactions between the C-terminal regions of both subunits of the NDC80/HEC1

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

Products Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°over night