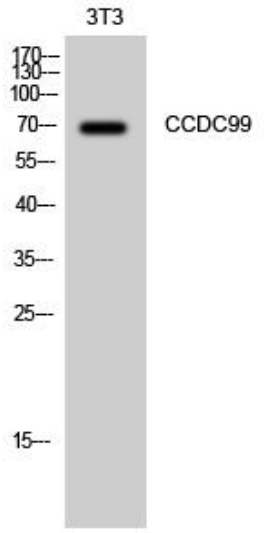
CCDC99 Polyclonal Antibody

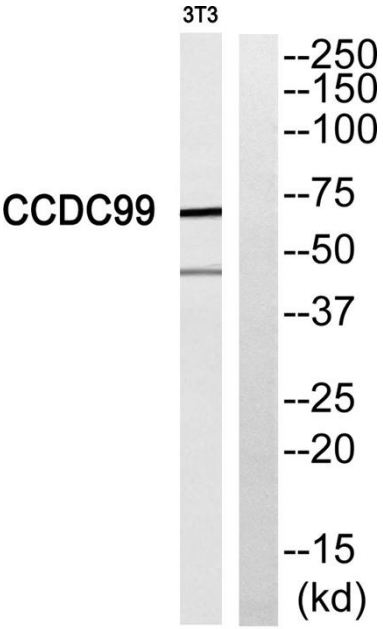
Catalog No	YP-Ab-01599
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CCDC99
Protein Name	Protein Spindly
Immunogen	The antiserum was produced against synthesized peptide derived from human CCDC99. AA range:541-590
Specificity	CCDC99 Polyclonal Antibody detects endogenous levels of CCDC99 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CCDC99; Protein Spindly; hSpindly; Arsenite-related gene 1 protein; Coiled-coil domain-containing protein 99; Rhabdomyosarcoma antigen MU-RMS-40.4A
Observed Band	70kD
Cell Pathway	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Chromosome, centromere, kinetochore. Nucleus. Cytoplasm, cytoskeleton, spindle pole. Localizes to the nucleus in interphase and to the kinetochore in early prometaphase. Relocalizes to the mitotic spindle pole before metaphase and is subsequently lost from the spindle poles after chromosome congression is completed. Removal of this protein from the kinetochore requires the dynein/dynactin complex.
Tissue Specificity	
Function	mitotic sister chromatid segregation, M phase of mitotic cell cycle, establishment of mitotic spindle orientation,microtubule cytoskeleton organization, mitotic cell cycle, M phase, nuclear division, sister chromatid segregation, cell morphogenesis, cytoskeleton organization, microtubule-based process, cell cycle, chromosome segregation, mitosis,mitotic metaphase plate congression, establishment or maintenance of cell polarity, protein localization, cell cycle process, cell cycle phase, establishment of cell polarity, cellular component morphogenesis, protein localization to kinetochore, cellular protein localization, establishment of mitotic spindle

	localization, organelle fission, chromosome localization, chromosome organization, establishment of spindle localization, establishment of spindle orientation,establishment of chromosome localization, metaphase plate congression, organelle l
Background	This gene encodes a coiled-coil domain-containing protein that functions in mitotic spindle formation and chromosome segregation. The encoded protein plays a role in coordinating microtubule attachment by promoting recruitment of dynein proteins, and in mitotic checkpoint signaling. [provided by RefSeq, Jul 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

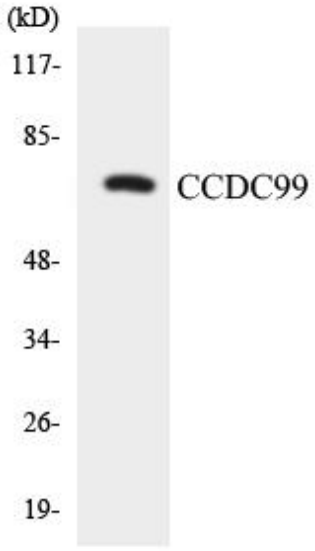
Products Images



Western Blot analysis of 3T3 cells using CCDC99 Polyclonal Antibody diluted at 1:1000



Western blot analysis of CCDC99 Antibody. The lane on the right is blocked with the CCDC99 peptide.



Western blot analysis of the lysates from K562 cells using CCDC99 antibody.