

Rabbit Anti-CEP120/PE Conjugated antibody

SL13850R-PE

Product Name	Anti-CEP120/PE
Chinese Name	PE 标记的中心体蛋白 CEP120 抗体
Alias	CCDC100; CE120_HUMAN; Centrosomal protein of 120 kDa; Cep120; Coiled-coil domain-containing protein 100.
Research Area	Cell biology Neurobiology Signal transduction Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse(predicted:Rat) ICC=1:50-200 IF=1:50-200
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	112kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human CEP120
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: This gene encodes a protein that functions in the microtubule-dependent coupling of the nucleus and the centrosome. A similar protein in mouse plays a role in both interkinetic nuclear migration, which is a characteristic pattern of nuclear movement in neural progenitors, and in neural progenitor self-renewal. Mutations in this gene are predicted to result in neurogenic defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]

Function:

Plays a role in the microtubule-dependent coupling of the nucleus and the centrosome. Involved in the processes that regulate centrosome-mediated interkinetic nuclear migration (INM) of neural progenitors and for proper positioning of neurons during brain development. Also implicated in the migration and selfrenewal of neural progenitors. May play a role in centriole duplication during mitosis.

Subcellular Location:

Cytoplasm > cytoskeleton > centrosome. Regulates the localization of TACC3 to the centrosome in neural progenitors in vivo.

Similarity:

Belongs to the CEP120 family.

Database links:

[Entrez Gene: 153241](#) Human

[SwissProt: Q8N960](#) Human

[SwissProt: Q8N960-3](#) Human

[Unigene: 483209](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.