



## Rabbit Anti-CEP135 antibody

SL12282R

<b>Product Name:</b>	CEP135
<b>Chinese Name:</b>	中心体蛋白135抗体
<b>Alias:</b>	centrosomal protein 135 kDa; centrosomal protein 135kDa; Centrosomal protein 4; Centrosomal protein of 135 kDa; centrosome protein 4; centrosome protein cep135; Cep135; Cep135; CEP4; CP135_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	133kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CEP135:1001-1100/1140
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Centrosomal protein involved in centriole biogenesis. Acts as a scaffolding protein during early centriole biogenesis. Also required for centriole-centriole cohesion during interphase by acting as a platform protein for CEP250 at the centriole.  <b>Function:</b>

Centrosomal protein involved in centriole biogenesis. Acts as a scaffolding protein during early centriole biogenesis. Also required for centriole-centriole cohesion during interphase by acting as a platform protein for CEP250 at the centriole.

**Subunit:**

Interacts with DCTN2 (By similarity). Interacts with CEP250.

**Subcellular Location:**

Cytoplasm, cytoskeleton, centrosome, centriole. Note=During centriole biogenesis, it is concentrated within the proximal lumen of both parental centrioles and procentrioles.

**DISEASE:**

Defects in CEP135 are the cause of microcephaly, primary, type 8 (MCPH8) [MIM:614673]. MCPH8 is a disease defined as a head circumference more than 3 standard deviations below the age-related mean. Brain weight is markedly reduced and the cerebral cortex is disproportionately small. Despite this marked reduction in size, the gyral pattern is relatively well preserved, with no major abnormality in cortical architecture. Affected individuals are mentally retarded. Primary microcephaly is further defined by the absence of other syndromic features or significant neurological deficits due to degenerative brain disorder.

**Similarity:**

Belongs to the CEP135/TSGA10 family.

**SWISS:**

Q66GS9

**Gene ID:**

9662

**Database links:**

[Entrez Gene: 9662](#)Human

[Entrez Gene: 381644](#)Mouse

[Omim: 611423](#)Human

[SwissProt: Q66GS9](#)Human

[SwissProt: Q6P5D4](#)Mouse

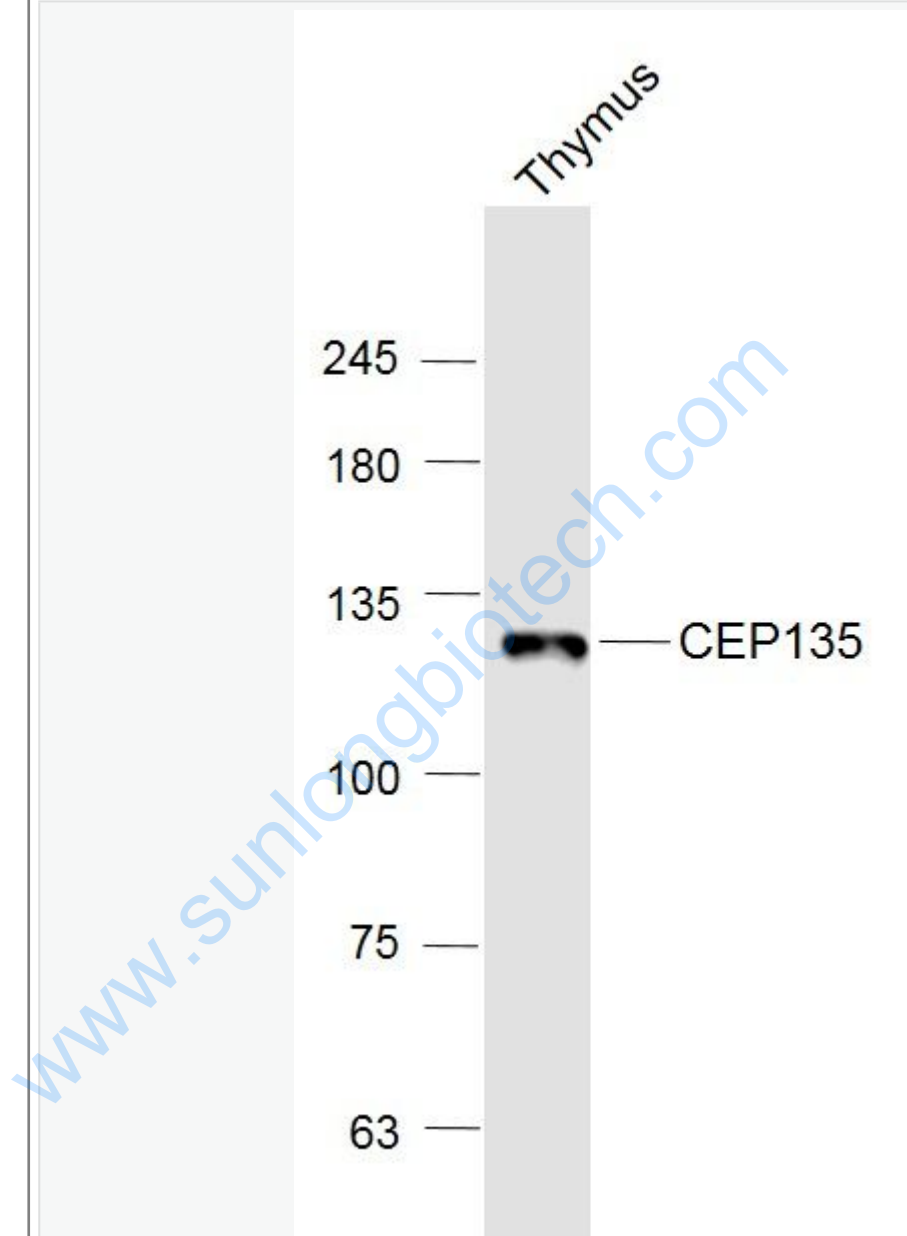
[Unigene: 518767](#)Human

[Unigene: 332452](#)Mouse

**Important Note:**

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

Picture:



Sample:

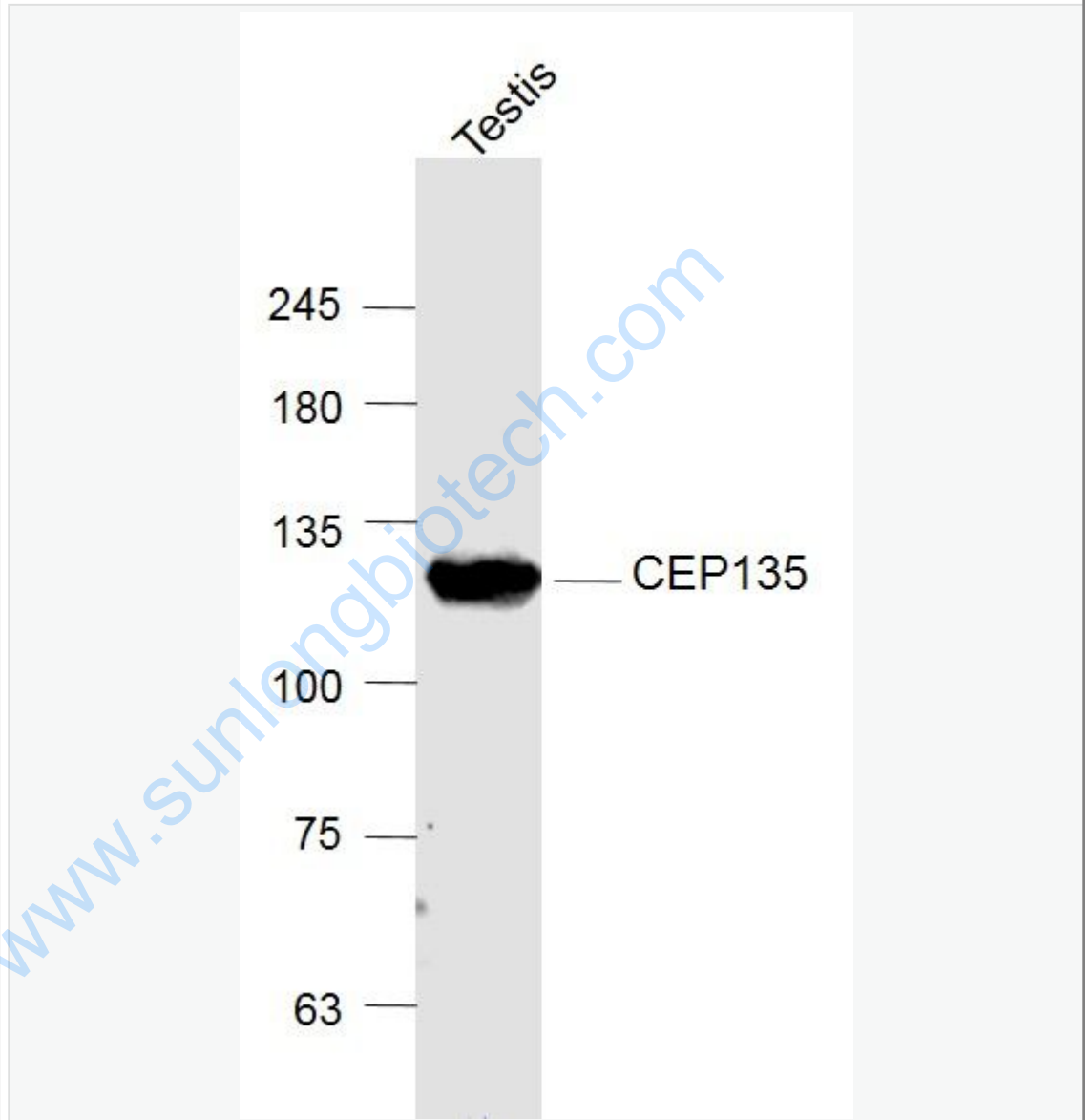
Thymus (Mouse) Lysate at 40 ug

Primary: Anti-CEP135 (SL12282R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 133 kD

Observed band size: 133 kD



Sample:

Testis (Mouse) Lysate at 40 ug

Primary: Anti-CEP135 (SL12282R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

	<p>Predicted band size: 133 kD</p>
--	------------------------------------

	<p>Observed band size: 133 kD</p>
--	-----------------------------------

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)