

**CEP135 Antibody (aa1081-1130)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS16646****Specification**

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**CEP135 Antibody (aa1081-1130) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC, WB                |
| Primary Accession | <a href="#">Q66GS9</a> |
| Other Accession   | <a href="#">9662</a>   |
| Reactivity        | Human, Mouse           |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | IgG                    |
| Calculated MW     | 133490                 |

**CEP135 Antibody (aa1081-1130) - Additional Information****Gene ID** 9662**Other Names**

CEP135, Centrosomal protein of 135 kDa, CEP4, Centrosomal protein 4, Centrosome protein cep135, Centrosomal protein 135kDa, KIAA0635, MCPH8

**Target/Specificity**

CEP135 Antibody detects endogenous levels of total CEP135 protein.

**Reconstitution & Storage**

PBS (without Mg<sup>2+</sup>, Ca<sup>2+</sup>), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol. Store at -20°C for up to one year.

**Precautions**

CEP135 Antibody (aa1081-1130) is for research use only and not for use in diagnostic or therapeutic procedures.

**CEP135 Antibody (aa1081-1130) - Protein Information****Name** CEP135 ([HGNC:29086](#))**Synonyms** CEP4, KIAA0635**Function**

Centrosomal microtubule-binding protein involved in centriole biogenesis (PubMed:<a href="http://www.uniprot.org/citations/27477386" target="\_blank">27477386</a>). Acts as a scaffolding protein during early centriole biogenesis. Required for the targeting of centriole satellite proteins to centrosomes such as of PCM1, SSX2IP and CEP290 and recruitment of WRAP73 to centrioles. Also required for centriole- centriole cohesion during interphase by acting as a platform protein for CEP250 at the centriole. Required for the recruitment of CEP295 to the proximal end of new-born centrioles at the centriolar microtubule wall during early S phase in a

PLK4-dependent manner (PubMed:<a href="http://www.uniprot.org/citations/27185865" target="\_blank">27185865</a>).

#### Cellular Location

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

#### Volume

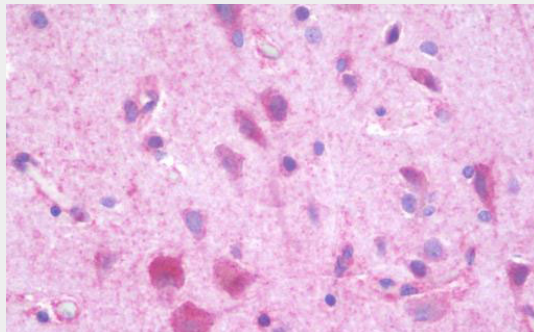
50 µl

### CEP135 Antibody (aa1081-1130) - Protocols

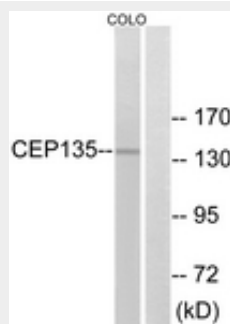
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CEP135 Antibody (aa1081-1130) - Images



Anti-CEP135 antibody IHC staining of human brain, cortex.



Western blot of extracts from COLO cells, using CEP135 Antibody.

### CEP135 Antibody (aa1081-1130) - Background

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.

#### **CEP135 Antibody (aa1081-1130) - References**

Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Hillier L.W.,et al.Nature 434:724-731(2005).  
Ishikawa K.,et al.DNA Res. 5:169-176(1998).  
Andersen J.S.,et al.Nature 426:570-574(2003).  
Kleylein-Sohn J.,et al.Dev. Cell 13:190-202(2007).