

CEP135 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15251**Specification**

CEP135 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q66GS9
Other Accession	NM_025009 , NP_079285
Reactivity	Human, Rabbit, Pig, Horse, Bovine, Dog
Predicted	Human, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	133kDa KDa

CEP135 Antibody - N-terminal region - Additional Information**Gene ID** 9662**Alias Symbol** CEP4, KIAA0635**Other Names**

Centrosomal protein of 135 kDa, Cep135, Centrosomal protein 4, CEP135, CEP4, KIAA0635

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CEP135 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CEP135 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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

Centrosomal microtubule-binding protein involved in centriole biogenesis (PubMed:27477386). 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:27185865).

Cellular Location

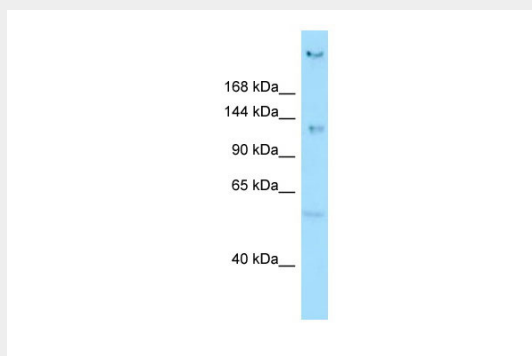
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=During centriole biogenesis, it is concentrated within the proximal lumen of both parental centrioles and procentrioles

CEP135 Antibody - N-terminal region - 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 - N-terminal region - Images



WB Suggested Anti-CEP135 Antibody Titration: 1.0 µg/ml
Positive Control: A549 Whole Cell

CEP135 Antibody - N-terminal region - 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).