

CEP135 Polyclonal Antibody
Catalog # AP69039**Specification**

CEP135 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q66GS9
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

CEP135 Polyclonal Antibody - Additional Information**Gene ID** 9662**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CEP135 Polyclonal Antibody - 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

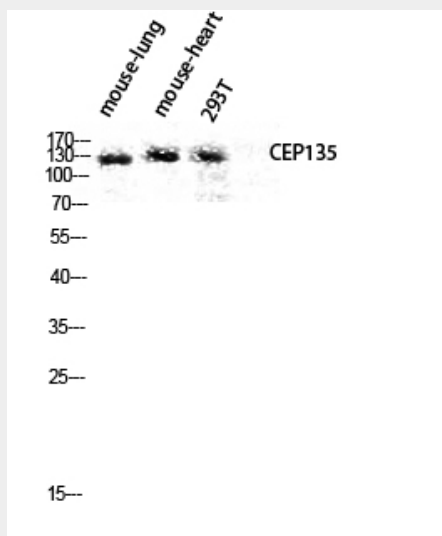
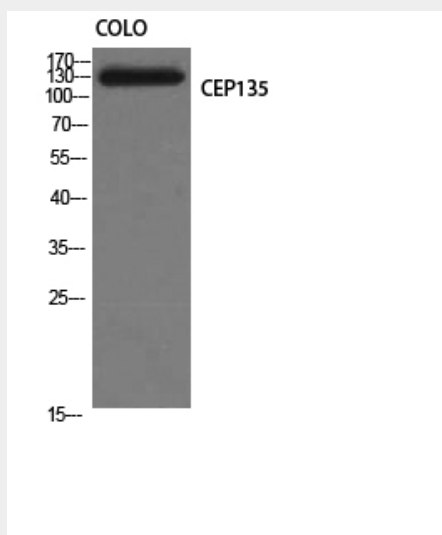
procentrioles

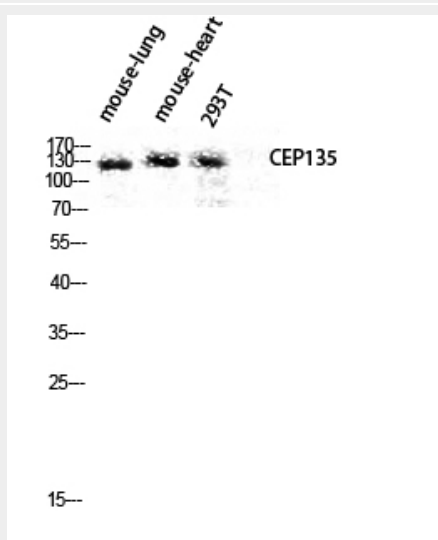
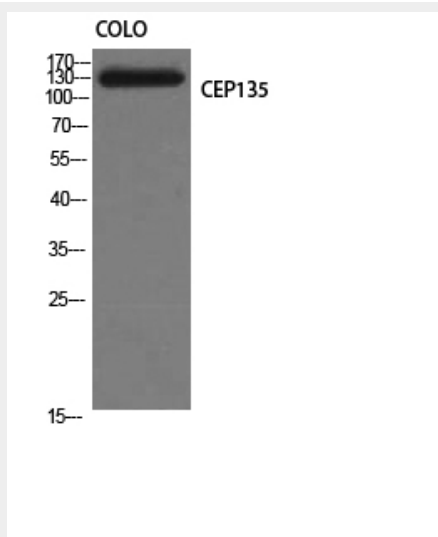
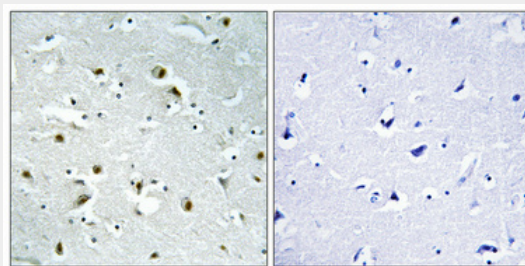
CEP135 Polyclonal Antibody - Protocols

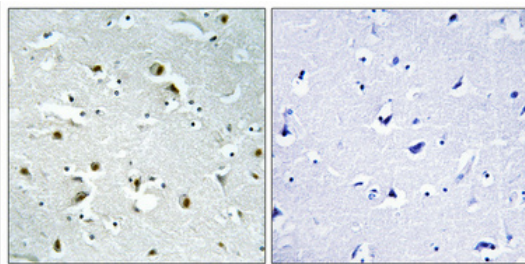
Provided below are standard protocols that you may find useful for product applications.

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

CEP135 Polyclonal Antibody - Images





**CEP135 Polyclonal Antibody - Background**

Involved in early centriole assembly/duplication/biogenesis/formation/. Required for centriole elongation. 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.