

CP135 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9425c**Specification**

CP135 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q66GS9](#)**CP135 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9662**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CP135 Antibody (Center) Blocking Peptide - 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

CP135 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CP135 Antibody (Center) Blocking Peptide - Images

CP135 Antibody (Center) Blocking Peptide - Background

CP135 involved in centriole biogenesis. This protein acts as a scaffolding protein during early centriole biogenesis. Also CP135 required for centriole-centriole cohesion during interphase by acting as a platform protein for CEP250 at the centriole.

CP135 Antibody (Center) Blocking Peptide - References

Kim, K., et al. Exp. Cell Res. 314(20):3692-3700(2008)Kleylein-Sohn, J., et al. Dev. Cell 13(2):190-202(2007)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Olsen, J.V., et al. Cell 127(3):635-648(2006)