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CEP135 Polyclonal Antibody

Catalog # AP69039

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q66GS9
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	133490

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. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

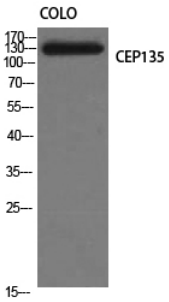
Protein Information

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

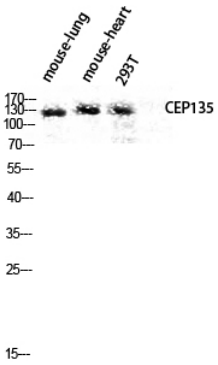
Background

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.

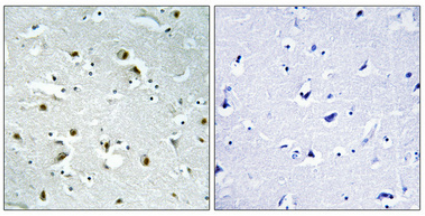
Images



Western Blot analysis of COLO cells using CEP135 Polyclonal Antibody diluted at 1：1000



Western blot analysis of mouse-lung mouse-heart 293T lysis using CEP135 antibody. Antibody was diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.