

ARG66605 anti-CEP135 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CEP135
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CEP135
Species	Human
Immunogen	Synthetic peptide within aa. 1050-1130 of Human CEP135.
Conjugation	Un-conjugated
Alternate Names	Centrosomal protein of 135 kDa; KIAA0635; MCPH8; CEP4; Cep135; Centrosomal protein 4

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	IHC-P	1:100 - 1:300
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: High-pressure and temperature Tris-EDTA buffer (pH 8.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 130 kDa	

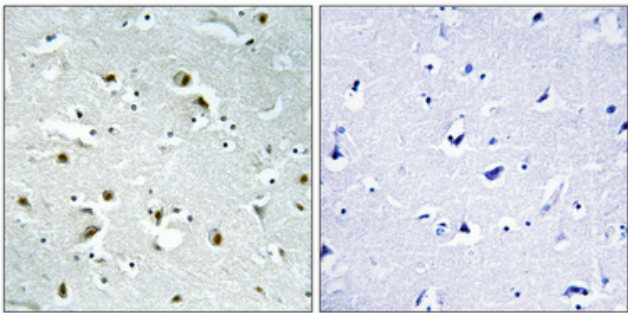
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

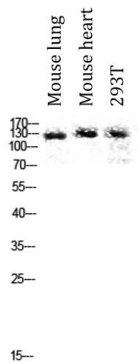
Gene Symbol	CEP135
Gene Full Name	centrosomal protein 135kDa
Background	This gene encodes a centrosomal protein, which acts as a scaffolding protein during early centriole biogenesis, and is also required for centriole-centriole cohesion during interphase. Mutations in this gene are associated with autosomal recessive primary microcephaly-8. [provided by RefSeq, Jun 2012]
Function	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. [UniProt]
Calculated Mw	133 kDa
Cellular Localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=During centriole biogenesis, it is concentrated within the proximal lumen of both parental centrioles and procentrioles. [UniProt]

Images



ARG66605 anti-CEP135 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human brain tissue stained with ARG66605 anti-CEP135 antibody at 1:100 dilution (4°C, overnight). Antigen Retrieval: High-pressure and temperature Tris-EDTA buffer (pH 8.0). Negative control (right) was pre-absorbed by immunogen peptide.



ARG66605 anti-CEP135 antibody WB image

Western blot: Mouse lung, Mouse heart and 293T cell lysates stained with ARG66605 anti-CEP135 antibody at 1:1000 dilution.