

CE037 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10821b

Product Information

Application	WB, E
Primary Accession	Q8NA72
Other Accession	Q4R8G4 , NP_689621.2
Reactivity	Human, Mouse
Predicted	Monkey, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28456
Calculated MW	63351
Antigen Region	368-397

Additional Information

Gene ID	134359
Other Names	Centrosomal protein POC5, Protein of centriole 5, hPOC5, POC5, C5orf37
Target/Specificity	This CE037 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 368-397 amino acids from the C-terminal region of human CE037.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CE037 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	POC5
Synonyms	C5orf37
Function	Essential for the assembly of the distal half of centrioles, required for

centriole elongation (PubMed:[19349582](#), PubMed:[32946374](#)). Acts as a negative regulator of centriole elongation (PubMed:[37934472](#)).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=Localized to the distal portion of centrioles. Localizes to the inner scaffold in the central region of centrioles.

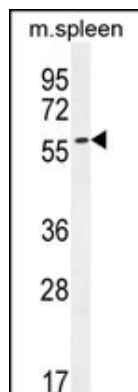
Background

Essential for the assembly of the distal half of centrioles, required for centriole elongation.

References

Azimzadeh, J., et al. J. Cell Biol. 185(1):101-114(2009)
Brill, L.M., et al. Anal. Chem. 76(10):2763-2772(2004)

Images



CE037 Antibody (C-term) (Cat. #AP10821b) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the CE037 antibody detected the CE037 protein (arrow).

Citations

- [Tuning SAS-6 architecture with monobodies impairs distinct steps of centriole assembly](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.