

CE037 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10821b**Specification**

CE037 Antibody (C-term) - Product Information

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

CE037 Antibody (C-term) - 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.

CE037 Antibody (C-term) - 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

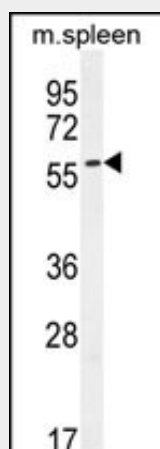
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=Localized to the distal portion of centrioles. Localizes to the inner scaffold in the central region of centrioles.

CE037 Antibody (C-term) - 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](#)

CE037 Antibody (C-term) - 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).

CE037 Antibody (C-term) - Background

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

CE037 Antibody (C-term) - 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)

CE037 Antibody (C-term) - Citations

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

