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CEP70 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10646c

Specification

CEP70 Antibody (Center) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q8NHQ1
Other Accession	Q4R7V1, NP_077817.2
Reactivity	**Human, Hamster**
Predicted	**Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**69752**
Antigen Region	**309-338**

CEP70 Antibody (Center) - Additional Information

Gene ID 80321

Other Names
Centrosomal protein of 70 kDa, Cep70, p10-binding protein, CEP70, BITE

Target/Specificity
This CEP70 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 309-338 amino acids from the Central region of human CEP70.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

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
CEP70 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CEP70 Antibody (Center) - Protein Information

Name CEP70

Synonyms BITE

Function Plays a role in the organization of both preexisting and nascent microtubules in interphase cells. During mitosis, required for the organization and orientation of the mitotic spindle.

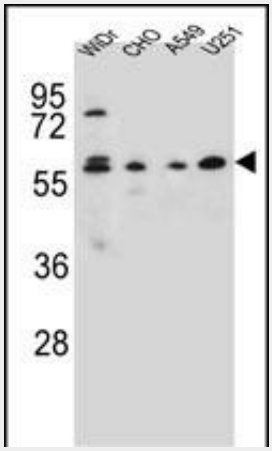
Cellular Location
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Localized at the center of the radial microtubule array in interphase and at the spindle poles during various stages of mitosis

CEP70 Antibody (Center) - Protocols

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

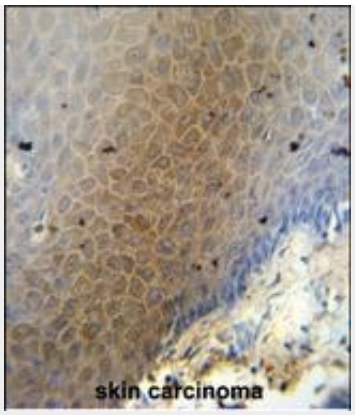
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CEP70 Antibody (Center) - Images

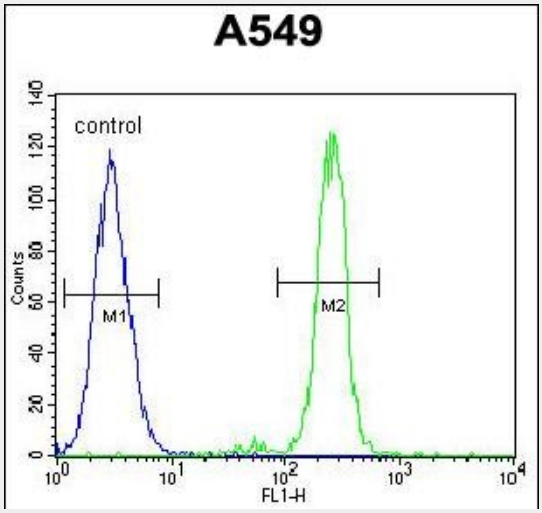


CEP70 Antibody (Center) (Cat. #AP10646c) western blot analysis in WiDr,CHO,A549,U251 cell line lysates (35ug/lane).This demonstrates the CEP70 antibody detected the CEP70 protein (arrow).

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CEP70 antibody (Center) (Cat. #AP10646c) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CEP70 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



CEP70 Antibody (Center) (Cat. #AP10646c) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

CEP70 Antibody (Center) - References

Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)
Lim, J., et al. Cell 125(4):801-814(2006)
Petretti, C., et al. EMBO Rep. 7(4):418-424(2006)
Andersen, J.S., et al. Nature 426(6966):570-574(2003)
Casenghi, M., et al. Dev. Cell 5(1):113-125(2003)