

## K1712 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18343b

## **Specification**

# K1712 Antibody (C-term) - Product Information

Application WB,E
Primary Accession Q9C0F1

Other Accession NP\_001035247.1

Reactivity
Human
Host
Clonality
Polyclonal
Isotype
Rabbit IgG
Calculated MW
Antigen Region
278-307

## K1712 Antibody (C-term) - Additional Information

#### **Gene ID 80817**

#### **Other Names**

Centrosomal protein of 44 kDa, Cep44, HBV PreS1-transactivated protein 3, PS1TP3, CEP44, KIAA1712

## Target/Specificity

This K1712 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 278-307 amino acids from the C-terminal region of human K1712.

## **Dilution**

WB~~1:1000

### **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**

K1712 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## K1712 Antibody (C-term) - Protein Information

## Name CEP44

Synonyms KIAA1712



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Function Centriole-enriched microtubule-binding protein involved in centriole biogenesis. In collaboration with CEP295 and POC1B, is required for the centriole-to-centrosome conversion by ensuring the formation of bona fide centriole wall (PubMed:32060285). Functions as a linker component that maintains centrosome cohesion. Associates with CROCC and regulates its stability and localization to the centrosome (PubMed:31974111).

#### **Cellular Location**

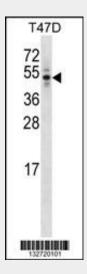
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, spindle pole. Midbody Note=Localizes to the proximal end of mother and daughter centrioles

# K1712 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 Cytomety
- Cell Culture

# K1712 Antibody (C-term) - Images



K1712 Antibody (C-term) (Cat. #AP18343b) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the K1712 Antibody detected the K1712 protein (arrow).

## K1712 Antibody (C-term) - Background

The function of this protein remains unknown.

## K1712 Antibody (C-term) - References

Ota, T., et al. Nat. Genet. 36(1):40-45(2004)