

KIAA1712 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56518

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9C0F1
Reactivity	Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44140

Additional Information

Gene ID	80817
Other Names	Centrosomal protein of 44 kDa, Cep44, HBV PreS1-transactivated protein 3, PS1TP3, CEP44, KIAA1712
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CEP44
Synonyms	KIAA1712
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