

TTC18 Rabbit Polyclonal Antibody

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Catalog # AP93513

Product Information

Application	WB
Primary Accession	Q5T0N1
Reactivity	Human, Rat, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	125721

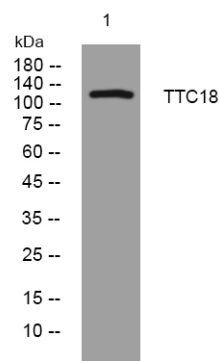
Additional Information

Gene ID	118491
Other Names	Cilia- and flagella-associated protein 70 {ECO:0000312 HGNC:HGNC:30726}, Tetratricopeptide repeat protein 18, TPR repeat protein 18, CFAP70 (HGNC:30726)
Dilution	WB~~1:1000
Storage Conditions	-20°C

Protein Information

Name	CFAP70 (HGNC:30726)
Function	Axoneme-binding protein that plays a role in the regulation of ciliary motility and cilium length. Essential for the assembly of the sperm flagellum and the correct shaping of the sperm head, during spermiogenesis. Contributes in part to flagellar biogenesis by stabilizing QRICH2, promoting the cytoplasmic preassembly of CFAP61 and CFAP91, and regulating the manchette localization of axoneme-associated proteins such as IFT88, DNAI1 and CFAP61.
Cellular Location	Cell projection, cilium, flagellum. Cytoplasm, cytoskeleton, flagellum basal body. Cell projection, cilium {ECO:0000250 UniProtKB:D3YVL2}. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250 UniProtKB:D3YVL2}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250 UniProtKB:D3YVL2} Note=Present all along the flagellum, with a marked signal at the base of the flagellum (PubMed:31621862). Localizes to the central apparatus of the flagellar axoneme (By similarity) {ECO:0000250 UniProtKB:D3YVL2, ECO:0000269 PubMed:31621862}
Tissue Location	Expressed in testis.

Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°over night

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