

For Research Use Only

TTC18 Recombinant antibody

Catalog Number: 84133-5-RR



Basic Information

Catalog Number: 84133-5-RR	GenBank Accession Number: BC032856	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 118491	CloneNo.: 241177C9
Source: Rabbit	UNIPROT ID: Q5TON1	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: tetra(tryptophan) repeat domain 18	
Immunogen Catalog Number: AG35209	Calculated MW: 126 kDa	
	Observed MW: 126 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HaCaT cells,
Species Specificity: human	

Background Information

Cilia- and flagella-associated protein 70 (CFAP70) harbours eight tetra(tryptophan) repeats (TPRs) and bound tightly to the ciliary axoneme. CFAP70 is necessary to assemble spermatid flagella and could be used as a diagnostic target for male infertility with OAT in the clinic. CFAP70 is a novel regulatory component of the ODA in motile cilia and flagella, and that the N-terminus is important for its ciliary localization (PMID: 30158508).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

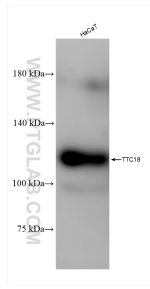
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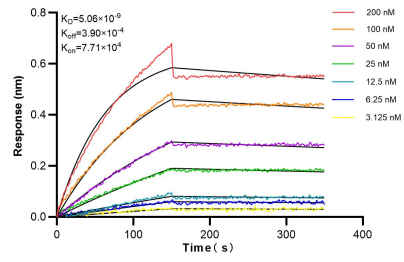
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84133-5-RR (TTC18 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84133-5-RR against Human TTC18 were performed. The affinity constant is 5.06 nM.