

For Research Use Only

AZI1 Recombinant monoclonal antibody

Catalog Number: 86809-3-RR



Basic Information

Catalog Number: 86809-3-RR	GenBank Accession Number: BC136578	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 22994	CloneNo.: 251839D3
Source: Rabbit	UNIPROT ID: Q9UPN4	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: 5-azacytidine induced 1	
Immunogen Catalog Number: AG22699	Calculated MW: 1083 aa, 122 kDa	
	Observed MW: 117-130 kDa	

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HeLa cells, NIH/3T3 cells, HepG2 cells, HUVEC cells, HEK-293T cells, mouse testis tissue, rat testis tissue

IF/ICC : HeLa cells,

Background Information

AZI1, also named as CEP131 and KIAA1118, may play a role in spermatogenesis. It is located at the ciliary base and required for cilium formation.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

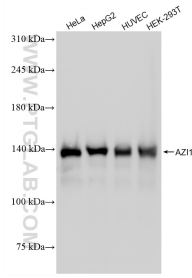
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

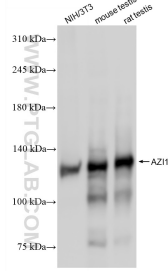
E: proteintech@ptglab.com
W: ptglab.com

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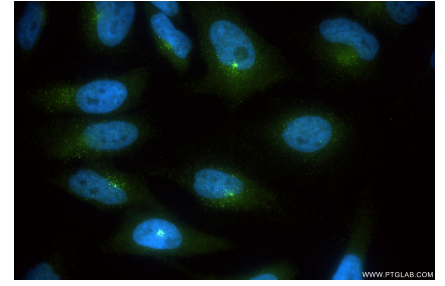
Selected Validation Data



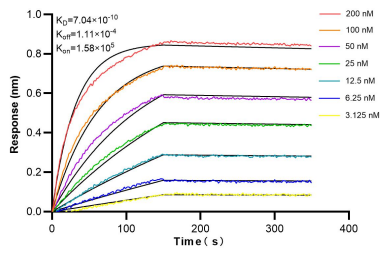
Various lysates were subjected to SDS PAGE followed by western blot with 86809-3-RR (AZI1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (4% PFA) fixed HeLa cells using AZI1 antibody (86809-3-RR, Clone: 251839D3) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 86809-3-RR against Human AZI1 were performed. The affinity constant is 0.704 nM.