

For Research Use Only

ASUN Recombinant antibody

Catalog Number: 84252-4-RR



Basic Information

Catalog Number: 84252-4-RR	GenBank Accession Number: BC003081	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55726	CloneNo.: 241586E9
Source: Rabbit	UNIPROT ID: Q9NVM9	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: chromosome 12 open reading frame 11	
Immunogen Catalog Number: AG13727	Calculated MW: 706 aa, 80 kDa	
	Observed MW: 70-80 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, Jurkat cells, MCF-7 cells IF/ICC : HeLa cells,

Background Information

Asunder (ASUN) is a conserved protein that has been reported as a critical regulator of dynein localization during Drosophila spermatogenesis (PMID: 19357193). Mammalian and Drosophila ASUN proteins revealed that they are 43% identical and 64% similar. Human ASUN (also known as GCT1 or C12ORF11) promotes dynein recruitment and centrosomal tethering to the nucleus at mitotic entry (PMID: 23097494).

Storage

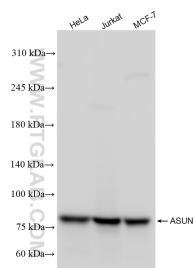
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

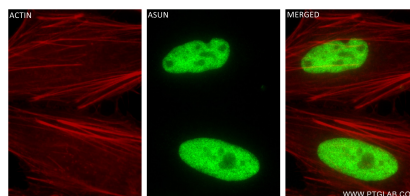
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84252-4-RR (C12orf11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ASUN antibody (84252-4-RR, Clone: 241586E9) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).