

For Research Use Only

ASUN Recombinant antibody, PBS Only (Capture)

Catalog Number: 84252-4-PBS



Basic Information

Catalog Number: 84252-4-PBS	GenBank Accession Number: BC003081	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 55726	CloneNo.: 241586E9
Source: Rabbit	UNIPROT ID: Q9NVM9	
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, Cytometric bead array, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

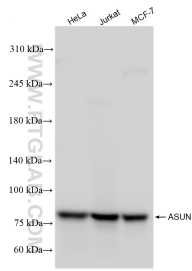
T: 4006900926

E: Proteintech-CN@ptglab.com

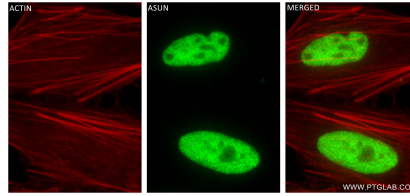
W: ptgcn.com

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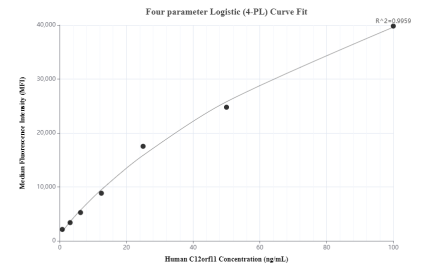
Selected Validation Data



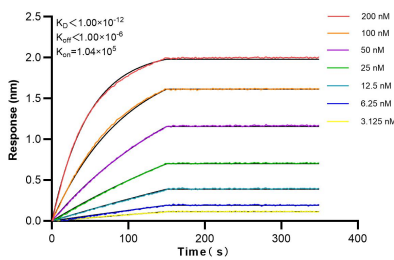
Various lysates were subjected to SDS PAGE followed by western blot with 84252-4-RR (C12orf11 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84252-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84252-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01142-1, C12orf11 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84252-4-PBS. Detection antibody: 84252-3-PBS. Standard: Ag13727. Range: 0.781-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 84252-4-RR against Human ASUN were performed. The affinity constant is below 1 pM.