

For Research Use Only

C21orf45 Polyclonal antibody

Catalog Number: 25832-1-AP **1 Publications**



Basic Information

Catalog Number: 25832-1-AP	GenBank Accession Number: BC042917	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54069	Recommended Dilutions: WB 1:200-1:1000 IF 1:20-1:200
Source: Rabbit	Full Name: chromosome 21 open reading frame 45	
Isotype: IgG	Calculated MW: 233 aa, 26 kDa	
Immunogen Catalog Number: AG22922	Observed MW: 105 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Cited Applications: IF, WB	WB : HeLa cells,
Species Specificity: human, mouse	IF : HeLa cells,
Cited Species: human, mouse	

Background Information

C21orf45, also named as MIS18A, C21orf46 and FASP1, is required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis. C21orf45 has dimer (~52 kDa) and heterodimer (~105 kDa) forms.

Notable Publications

Author	Pubmed ID	Journal	Application
Shi-Yue Sun	33645631	Br J Pharmacol	IF, WB

Storage

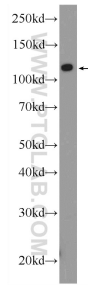
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

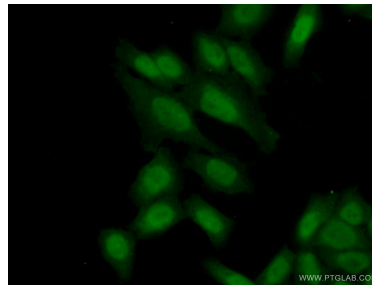
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 25832-1-AP (C21orf45 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 25832-1-AP (C21orf45 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).