

For Research Use Only

DSN1 Polyclonal antibody

Catalog Number: 17742-1-AP **2 Publications**



Basic Information

Catalog Number: 17742-1-AP	GenBank Accession Number: BC026011	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79980	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500
Source: Rabbit	Full Name: DSN1, MIND kinetochore complex component, homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 340 aa, 38 kDa	
Immunogen Catalog Number: AG11988	Observed MW: 40 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Jurkat cells,
Cited Applications: IF, WB	IHC : human breast cancer tissue,
Species Specificity: human, mouse, rat	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

DSN1, also named as C20orf172 and MIS13, is required to shape an interface between the Mis12 complex and Blinkin, the counterpart of Spc105. DSN1 is part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis. DSN1 has four isoforms with MW 27-33 kDa and 38-40 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Huakai Wang	33054826	J Exp Clin Cancer Res	WB
Haining Zhou	26743940	Nat Commun	IF

Storage

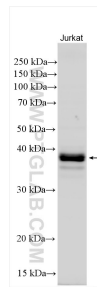
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 17742-1-AP (DSN1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.

