

For Research Use Only

# DSN1 Polyclonal antibody

Catalog Number: 17742-1-AP

3 Publications



## Basic Information

Catalog Number:

17742-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11988

GenBank Accession Number:

BC026011

GeneID (NCBI):

79980

UNIPROT ID:

Q9H410

Full Name:

DSN1, MIND kinetochore complex component, homolog (S. cerevisiae)

Calculated MW:

340 aa, 38 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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

Positive Controls:

WB : Jurkat cells,

IHC : human breast cancer tissue,

## 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
Hongrui Zhou	39560395	Mol Carcinog	WB,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

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

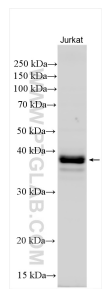
T: 4006900926

E: Proteintech-CN@ptglab.com

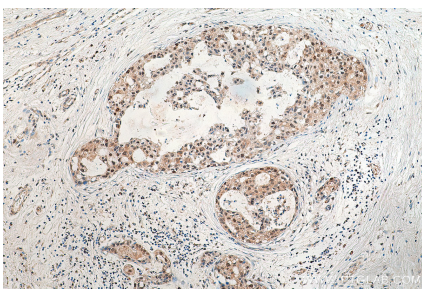
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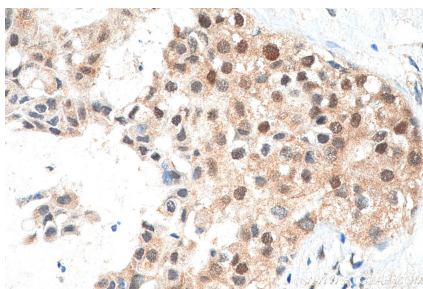
## Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17742-1-AP (DSN1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17742-1-AP (DSN1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).