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DSN1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12820b

Product Information

Application	WB, E
Primary Accession	Q9H410
Other Accession	NP_001138787.1, NP_079194.3, NP_001138788.1
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32490
Calculated MW	40067
Antigen Region	257-286

Additional Information

Gene ID	79980
Other Names	Kinetochore-associated protein DSN1 homolog, DSN1, C20orf172, MIS13
Target/Specificity	This DSN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 257-286 amino acids from the C-terminal region of human DSN1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DSN1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DSN1
Synonyms	C20orf172, MIS13
Function	Part of the MIS12 complex which is required for normal chromosome

	alignment and segregation and kinetochore formation during mitosis.
Cellular Location	Nucleus. Chromosome, centromere, kinetochore Note=Associated with the kinetochore.

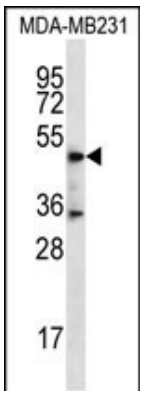
Background

This gene encodes a kinetochore protein that functions as part of the minichromosome instability-12 centromere complex. The encoded protein is required for proper kinetochore assembly and progression through the cell cycle. Alternative splicing results in multiple transcript variants.

References

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Cheeseman, I.M., et al. Nat. Rev. Mol. Cell Biol. 9(1):33-46(2008)
Kiyomitsu, T., et al. Dev. Cell 13(5):663-676(2007)
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Images



DSN1 Antibody (C-term) (Cat. #AP12820b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the DSN1 antibody detected the DSN1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.