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DSN1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12820b

Specification

DSN1 Antibody (C-term) - Product Information

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

DSN1 Antibody (C-term) - 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

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.

DSN1 Antibody (C-term) - 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.

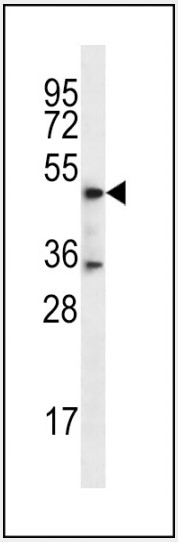
Cellular Location
Nucleus. Chromosome, centromere, kinetochore Note=Associated with the kinetochore.

DSN1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DSN1 Antibody (C-term) - 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).

DSN1 Antibody (C-term) - 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.

DSN1 Antibody (C-term) - References

Yang, Y., et al. J. Biol. Chem. 283(39):26726-26736(2008)
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)

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Kline, S.L., et al. J. Cell Biol. 173(1):9-17(2006)