10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DSN1 Rabbit pAb

Catalog # AP98556

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H410
Other Accession	Q9H410
Reactivity	Human
Predicted	Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40067
Physical State	Liquid
Immunogen	Recombinant human DSN1 protein
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Component of the MIS12 complex composed of MIS12, DSN1,NSL1 and PMF1. Also interacts with CASC5, CBX3 and CBX5.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a kinetochore protein that functions aspart of the minichromosome instability-12 centromere complex. Theencoded protein is required for proper kinetochore assembly andprogression through the cell cycle. Alternative splicing results inmultiple transcript variants. [provided by RefSeq, Feb 2009].

Additional Information

Gene ID	79980
Other Names	C20orf172; KNL3; MIS13; dJ469A13.2; hKNL-3; DSN1_HUMAN; DSN1; DSN1 component of MIS12 kinetochore complex; chromosome 20 open reading frame 172; DSN1, MIND kinetochore complex component, homolog (S. cerevisiae); DSN1 homolog, MIS12 kinetochore complex component; kinetochore null 3 homolog (C. elegans)
Dilution	IHC-P=1:100-500,IHC-F=1:400-800,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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