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AMN1 Rabbit pAb

Catalog # AP98207

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8IY45
Other Accession	Q8IY45
Reactivity	Rat
Predicted	Human, Mouse, Rabbit, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28408
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human AMN1
Epitope Specificity	1-100/258
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the AMN1 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	AMN1 is a 258 amino acid protein belonging to the AMN1 family. Encoded by a gene that maps to human chromosome 12p11.21, AMN1 contains twelve degenerate leucine-rich repeat (LRR) motifs and modulates Ste12 binding to promoters of multiple genes. As a daughter cell-specific protein, AMN1 inhibits ELL function to deactivate the mitotic exit state and reset the cell cycle in G1. AMN1 does not halt mitotic exit, but turns it off afterward. Induced by ELL after exit activation, AMN1 disrupts TEM1-Cdc15 interaction by competing with Cdc15 for TEM1 binding and by facilitating inactivation of Cdc14. Defects in AMN1 can result in disruption of both the spindle assembly and nuclear orientation checkpoints. AMN1 may also mediate gene activity and phenotypic diversity.

Additional Information

Gene ID	196394
Other Names	RGD1308119; AMN1_BOVIN; AMN1; AMN1_HUMAN; AMN1_RAT; antagonist of mitotic exit network 1 homolog; antagonist of mitotic exit network 1 homolog (S. cerevisiae)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,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 AMN1

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