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

Midnolin Rabbit pAb

Catalog # AP98424

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q504T8
Other Accession	Q504T8
Reactivity	Rat, Mouse
Predicted	Pig, Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49213
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MIDN
Epitope Specificity	51-150/468
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 ubiquitin-like domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	该蛋白可能参与中脑神经核仁的相关调节。

Additional Information

Gene ID	90007
Other Names	Stx; 3000003C15Rik; MIDN_HUMAN; MIDN; Midbrain nucleolar protein; MIDN_MOUSE; midnolin; stuxnet homolog (Drosophila)
Dilution	WB=1:500-2000,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	MIDN
Function	Facilitates the ubiquitin-independent proteasomal degradation of stimulus-induced transcription factors such as FOSB, EGR1, NR4A1, and IRF4 to the proteasome for degradation (PubMed:37616343). Promotes also the degradation of other substrates such as CBX4 (By similarity). Plays a role in inhibiting the activity of glucokinase GCK and both glucose-induced and basal

	insulin secretion.
Cellular Location	Nucleus, nucleolus {ECO:0000250|UniProtKB:Q3TPJ7}. Nucleus. Cytoplasm, cytosol. Note=Detected in the nucleus and nucleolus with no expression in the cytoplasm (By similarity). However, a later study finds expression in the nucleus and cytoplasm with no expression in the nucleolus (PubMed:24187134) {ECO:0000250|UniProtKB:Q3TPJ7, ECO:0000269|PubMed:24187134}

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