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DND1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16034

Product Information

Application	WB
Primary Accession	Q8IYX4
Other Accession	NP_919225
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38687

Additional Information

Gene ID	373863
Alias Symbol	DND1, RBMS4,
Other Names	Dead end protein homolog 1, RNA-binding motif, single-stranded-interacting protein 4, DND1, RBMS4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-DND1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	DND1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DND1
Synonyms	RBMS4
Function	RNA-binding factor that positively regulates gene expression by prohibiting miRNA-mediated gene suppression. Relieves miRNA repression in germline cells (By similarity). Prohibits the function of several miRNAs by blocking the accessibility of target mRNAs. Sequence- specific RNA-binding factor that binds specifically to U-rich regions (URRs) in the 3' untranslated region (3'-UTR) of several mRNAs. Does not bind to miRNAs. May play a role during primordial germ cell (PGC) survival (By similarity). However, does not seem to be essential for PGC migration (By similarity).

Cellular Location	Nucleus. Cytoplasm. Note=Perinuclear germ granules, also called germ plasm or chromatoid body. Colocalizes in perinuclear sites with APOBEC3 (By similarity).

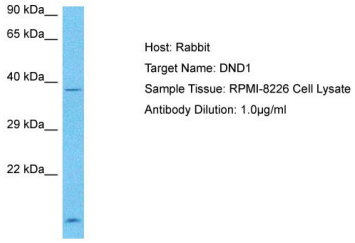
Background

RNA-binding factor that positively regulates gene expression by prohibiting miRNA-mediated gene suppression. Relieves miRNA repression in germline cells (By similarity). Prohibits the function of several miRNAs by blocking the accessibility of target mRNAs. Sequence-specific RNA-binding factor that binds specifically to U-rich regions (URRs) in the 3' untranslated region (3'-UTR) of several mRNAs. Does not bind to miRNAs. May play a role during primordial germ cell (PGC) survival (By similarity). However, does not seem to be essential for PGC migration (By similarity).

References

Weidinger G.,et al.Curr. Biol. 13:1429-1434(2003).
Kedde M.,et al.Cell 131:1273-1286(2007).

Images



Host: Rabbit
Target Name: DND1
Sample Tissue: RPMI-8226 Whole cell lysate
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Antibody Dilution: 1.0µg/ml