

**DND1 Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI16034**

**Specification**

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**DND1 Antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q8IYX4</a>
Other Accession	<a href="#">NP_919225</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

**DND1 Antibody - N-terminal region - 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.

**DND1 Antibody - N-terminal region - 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

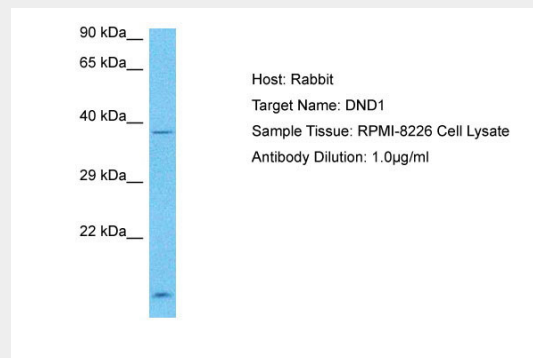
Nucleus. Cytoplasm. Note=Perinuclear germ granules, also called germ plasm or chromatoid body. Colocalizes in perinuclear sites with APOBEC3 (By similarity).

### DND1 Antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### DND1 Antibody - N-terminal region - Images



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

### DND1 Antibody - N-terminal region - 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).

### DND1 Antibody - N-terminal region - References

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