

# **DND1** Antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # Al16034

### **Specification**

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

Application WB
Primary Accession Q8IYX4
Other Accession NP\_919225
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, I 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**

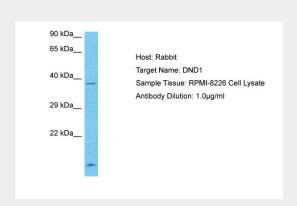
Nucleus. Cytoplasm. Note=Perinuclear germ granules, also called germ plasm or chromatoid body. Colocalizes in perinuclear sites with APOBEC3 (By similarity).

### **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 Cytomety
- Cell Culture

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



Host: Rabbit

Target Name: DND1

Sample Tissue: RPMI-8226 Whole cell lysate

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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).