

## DATASHEET

# DND1 Rabbit Polyclonal Antibody

CAT. NO. APA18174

### KEY FEATURES

|               |   |               |                     |
|---------------|---|---------------|---------------------|
| Target        | DND1  | Source / Host | Rabbit              |
| Reactivity    | Human   | Clonality     | Polyclonal          |
| Applications  | WB  | Conjugation   | Unconjugated        |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |               | Storage<br>at -20°C |

### BACKGROUND

RNA-binding factor that positively regulates gene expression by prohibiting miRNA-mediated gene suppression. Relieves miRNA repression in germline cells. 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. However, does not seem to be essential for PGC migration.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

|    |                |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

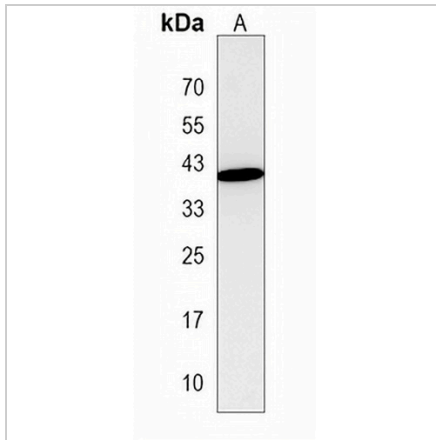
|                   |  |
|-------------------|--|
| Description       | Rabbit polyclonal antibody to DND1   |
| Specificity       | Recognizes endogenous levels of DND1 protein.  |
| Antibody Type     | Primary antibody   |
| Immunogen         | KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human DND1. The exact sequence is proprietary. |
| Purification      | The antibody was purified by immunogen affinity chromatography.  |
| Molecular Weight  | Predicted: 38 kD; Observed: 38 kD  |
| Form/Buffer       | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Alternative Names | RBMS4; Dead end protein homolog 1; RNA-binding motif, single-stranded-interacting protein 4  |
| Gene Symbol       | DND1   |
| Entrez Gene       | 373863(Human)  |
| SwissProt         | Q8IYX4(Human)  |

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of DND1 expression in HeLa (A) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 38 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.