

## Rabbit DND1 Polyclonal Antibody | anti-DND1 antibody

DND1 antibody - C-terminal region

| CATALOG # | HOST   | REACTIVITY                                                  | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------|------------------------------------|
| AAA198840 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat | Western Blot, Immunohistochemistry |

### PRODUCT SYNONYMS

DND1; Polyclonal Antibody; DND1 antibody - C-terminal region; anti-DND1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat                                                                                           |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following sequence: HR FWYQVVIPGH PVPFSGLIWV VLTLDGRDGH EVAKDAVSVR LLQALSES                                                |
| Sequence Length                                | 353                                                                                                                                                   |
| Applicable Applications for anti-DND1 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                       | Cow: 93%; Dog: 79%; Guinea Pig: 79%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 86%; Rabbit: 86%; Rat: 100%                                           |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the C terminal region of human DND1                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-DND1 Antibody Titration: 0.2-1 ug/ml  
Positive Control: Jurkat cell lysate  
DND1 is supported by BioGPS gene expression data to be expressed in Jurkat



#### IHC (Immunohistochemistry)

Rabbit Anti-DND1 Antibody  
Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue  
Observed Staining: Cytoplasmic in pinealocytes  
Primary Antibody Concentration: 1:100  
Other Working Concentrations: 1/600  
Secondary Antibody: Donkey anti-Rabbit-Cy3  
Secondary Antibody Concentration: 1:200  
Magnification: 20X  
Exposure Time: 0.5 - 2.0 sec

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DND1 antibody | <p>This is a rabbit polyclonal antibody against DND1. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: DND1 contains 2 RRM (RNA recognition motif) domains. It may play a role during primordial germ cell (PGC) development. However, DND1 does not seem to be essential for PGC migration</p> |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Product Categories/Family for anti-DND1 antibody

Polyclonal; RNA Binding Proteins; Developmental Biology

## NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 34740339                                     |
| NCBI GeneID                      | 373863                                       |
| NCBI Accession #                 | NP_919225                                    |
| NCBI GenBank Nucleotide #        | NM_194249                                    |
| UniProt Accession #              | Q8IYX4                                       |
| Molecular Weight                 | 39kDa                                        |
| NCBI Official Full Name          | dead end protein homolog 1                   |
| NCBI Official Synonym Full Names | DND microRNA-mediated repression inhibitor 1 |
| NCBI Official Symbol             | DND1                                         |
| NCBI Official Synonym Symbols    | RBMS4                                        |
| NCBI Protein Information         | dead end protein homolog 1                   |
| UniProt Protein Name             | Dead end protein homolog 1                   |
| UniProt Gene Name                | <b>DND1</b>                                  |
| UniProt Synonym Gene Names       | RBMS4                                        |
| UniProt Entry Name               | DND1_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dnd1-antibody-western-blot-immunohistochemistry-elisa/198840>