

## DDX21 Polyclonal Antibody

**Catalog No.** E-AB-65526

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

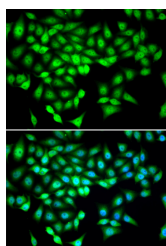
### Description

|                     |                                                      |
|---------------------|------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                |
| <b>Immunogen</b>    | A synthetic peptide of human DDX21                   |
| <b>Host</b>         | Rabbit                                               |
| <b>Isotype</b>      | IgG                                                  |
| <b>Purification</b> | Affinity purification                                |
| <b>Conjugation</b>  | Unconjugated                                         |
| <b>Buffer</b>       | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. |

### Applications Recommended Dilution

**IF 1:50 - 1:200**

### Data



Immunofluorescence analysis of U2OS cells with  
DDX21 Polyclonal Antibody  
**Calculated Mw:79kDa/87kDa**

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is an antigen recognized by autoimmune antibodies from a patient with watermelon stomach disease. This protein unwinds double-stranded RNA, folds single-stranded RNA, and may play important roles in ribosomal RNA biogenesis, RNA editing, RNA transport, and general transcription.

### For Research Use Only