

## Rabbit EIF4A3 Polyclonal Antibody | anti-EIF4A3 antibody

EIF4A3 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176406</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

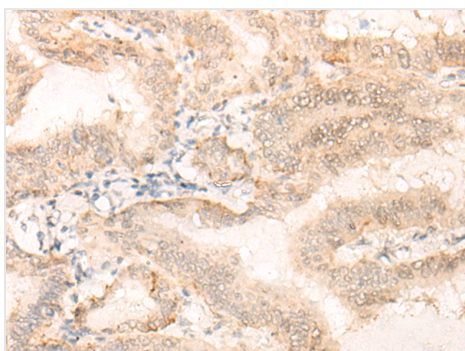
### PRODUCT SYNONYMS

EIF4A3; Polyclonal Antibody; EIF4A3 Polyclonal Antibody; ATP-dependent RNA helicase DDX48; ATP-dependent RNA helicase eIF4A-3; DDX48; DEAD box protein 48; EIF-4A-III; EIF4A-III; EIF4AIII; Eukaryotic initiation factor 4A-III; Eukaryotic initiation factor 4A-like NUK-34; Eukaryotic translation initiation factor 4A isoform 3; HNMP 265; IF4A3; NMP 265; NMP265; Nuclear matrix protein 265; NUK34; anti-EIF4A3 antibody

### PRODUCT SPECIFICATIONS

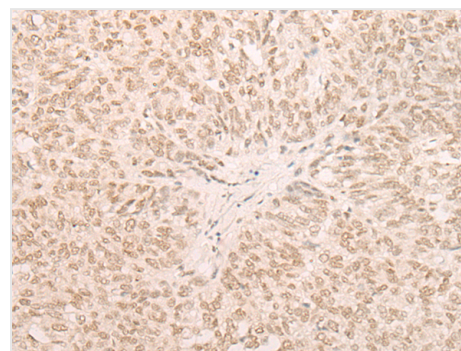
|                                                  |                                                         |
|--------------------------------------------------|---------------------------------------------------------|
| Host                                             | Rabbit                                                  |
| Reactivity                                       | Human, Mouse, Rat                                       |
| Clonality                                        | Polyclonal                                              |
| Isotype                                          | IgG                                                     |
| Purity/Purification                              | Antigen Affinity Purification                           |
| Form/Format                                      | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                    | 1.2mg/mL (varies by lot)                                |
| Sequence Length                                  | 411                                                     |
| Applicable Applications for anti-EIF4A3 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                        | Fusion protein of human EIF4A3                          |
| Conjugation                                      | Unconjugated                                            |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using EIF4A3 Polyclonal Antibody at dilution of 1:35(×200



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using EIF4A3 Polyclonal Antibody at dilution of 1:35(×200

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EIF4A3 antibody | This gene encodes a member of the DEAD box protein family. 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. The protein encoded by this gene is a nuclear matrix protein. Its amino acid sequence is highly similar to the amino acid sequences of the translation initiation factors eIF4AI and eIF4AII, two other members of the DEAD box protein family. |
| Product Categories/Family for anti-EIF4A3 antibody   | Cancer; Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | 20532400                                                                 |
| NCBI GeneID                      | 9775                                                                     |
| UniProt Accession #              | P38919                                                                   |
| NCBI Official Full Name          | Eukaryotic initiation factor 4A-III                                      |
| NCBI Official Synonym Full Names | eukaryotic translation initiation factor 4A3                             |
| NCBI Official Symbol             | EIF4A3                                                                   |
| NCBI Official Synonym Symbols    | Fal1; RCPS; DDX48; MUK34; NUK34; NMP265; eIF4AIII; eIF4A-III; eIF-4A-III |
| NCBI Protein Information         | eukaryotic initiation factor 4A-III                                      |
| UniProt Protein Name             | Eukaryotic initiation factor 4A-III                                      |
| UniProt Gene Name                | EIF4A3                                                                   |
| UniProt Synonym Gene Names       | DDX48; KIAA0111; eIF-4A-III; eIF4A-III; NMP 265; hNMP 265                |
| UniProt Entry Name               | IF4A3_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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