EIF4A3 RABBIT PAB

Cat.#: S218690
Product Name: Anti-EIF4A3 Rabbit Polyclonal Antibody
Synonyms: RCPS; DDX48; MUK34; NUK34; NMP265; eIF4AIII
UNIPROT ID: P38919 (Gene Accession - BC003662)
Background: 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.
Immunogen: Fusion protein of human EIF4A3
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-300;WB: 500-2000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Epigenetics and Nuclear Signaling
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

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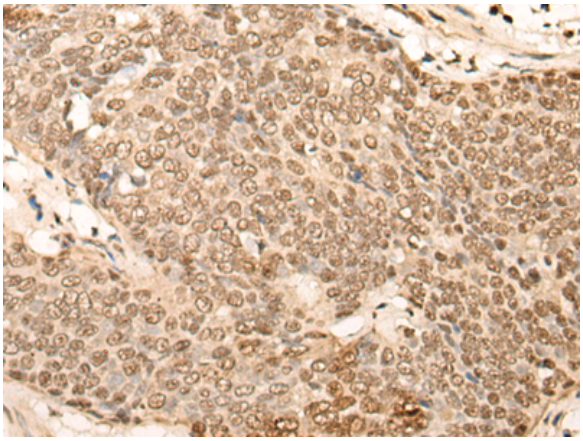
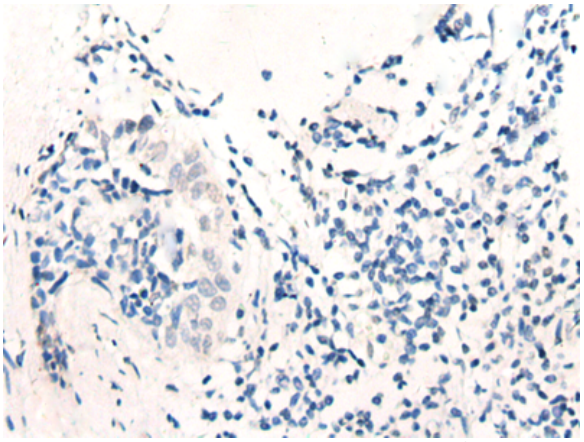
Product Description

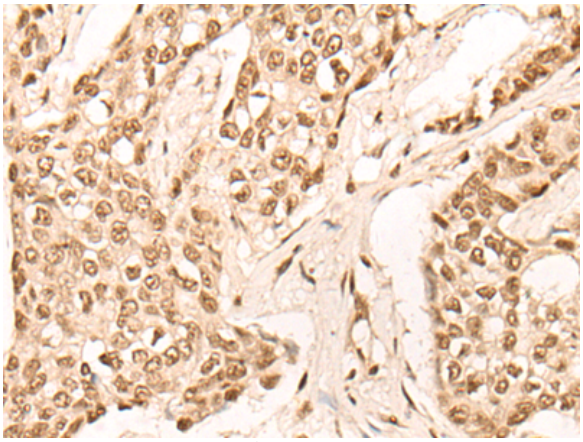
Pioneering GTPase and Oncogene Product Development since 2010



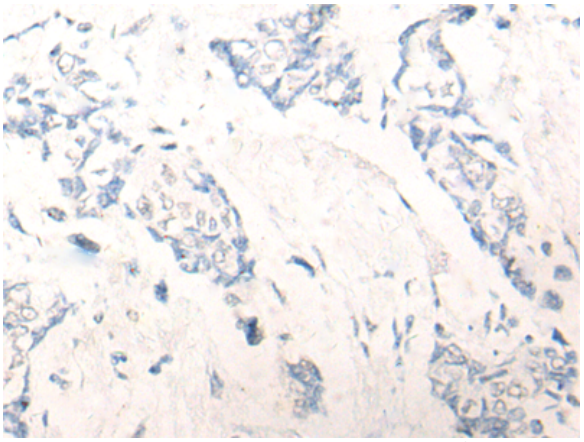
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 218690(EIF4A3 Antibody) at a dilution of 1/45(Nucleus and Cytoplasm).



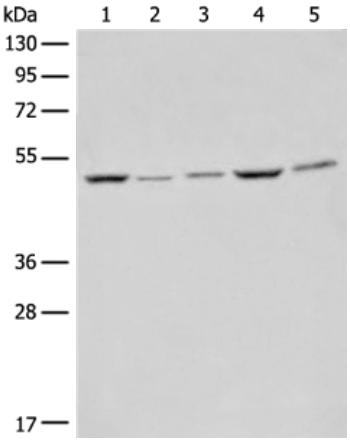
In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 218690(Anti-EIF4A3 Antibody) at dilution 1/45.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 218690(Anti-EIF4A3 Antibody) at a dilution of 1/45.



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D224949(Anti-EIF4A3 Antibody) at dilution 1/45.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-5: Raji, Hela, A549, HEPG2 and 231 cell lysates;
Primary antibody: 218690(EIF4A3 Antibody) at dilution 1/500;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 15 seconds

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