

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

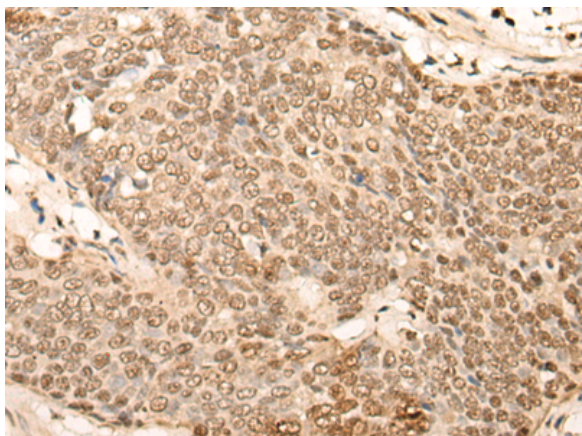
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

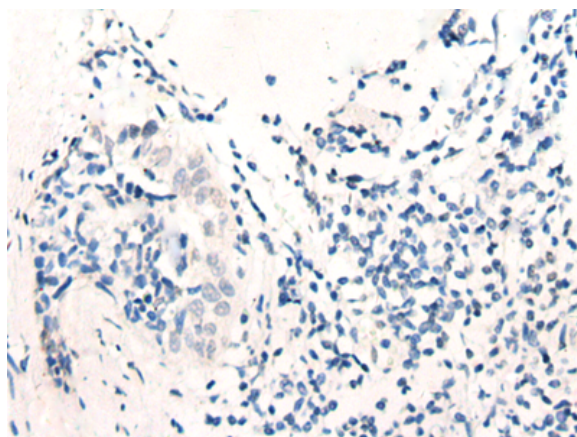
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

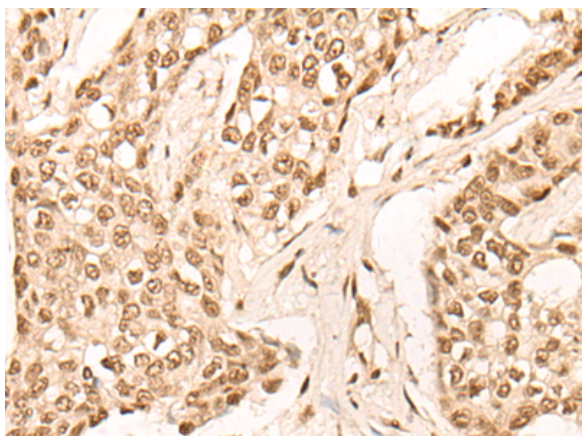
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



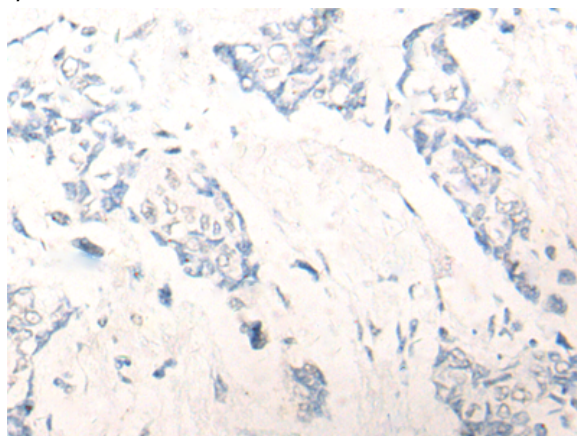
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 218690(EIF4A3 Antibody) at a dilution of 1/45(Nucleus and Cytoplasm).



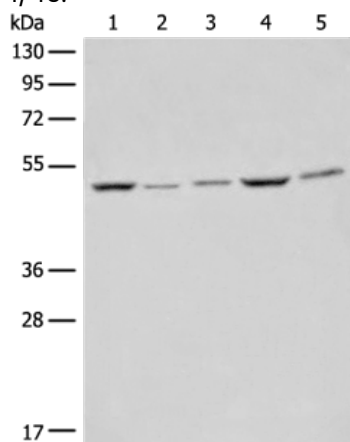
In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 218690(Anti-EIF4A3 Antibody) at dilution 1/45.



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 comparison 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



Product Description

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