

EIF3H RABBIT PAB

Cat.#: S217390

Product Name: Anti-EIF3H Rabbit Polyclonal Antibody

Synonyms: EIF3S3; eIF3-p40; eIF3-gamma

UNIPROT ID: O15372 (Gene Accession - BC000386)

Background: Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis (PubMed:17581632, PubMed:25849773, PubMed:27462815). The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAⁱ and eIF-5 to form the 43S pre-initiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation (PubMed:17581632). The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation, including cell cycling, differentiation and apoptosis, and uses different modes of RNA stem-loop binding to exert either translational activation or repression (PubMed:25849773).

Immunogen: Fusion protein of human EIF3H

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

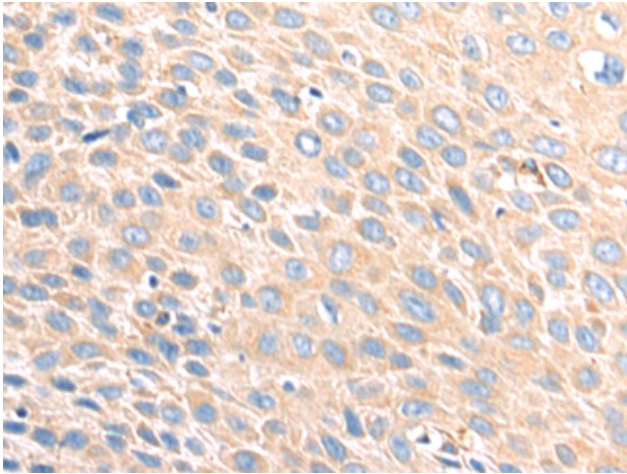
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

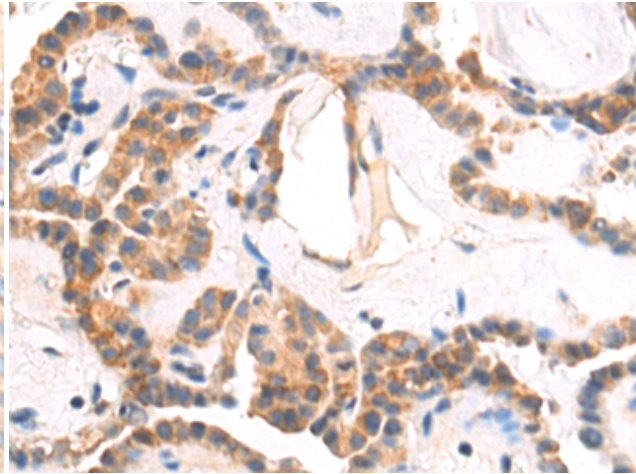
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

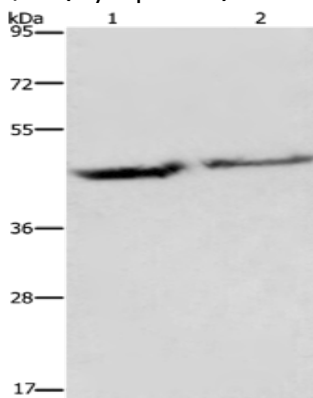
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human esophagus cancer tissue using 217390(EIF3H Antibody) at a dilution of 1/50(Cytoplasm).



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using 217390(Anti-EIF3H Antibody) at a dilution of 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 μ g;
Lane 1-2: Human adrenal pheochromocytoma and fetal brain tissue;
Primary antibody: 217390(EIF3H Antibody) at dilution 1/1150;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 40 seconds