

## Product datasheet for **TA349924S**

### EIF3S3 (EIF3H) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human adrenal pheochromocytoma and fetal brain tissue IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human EIF3H
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	eukaryotic translation initiation factor 3 subunit H
Database Link:	<a href="#">NP_003747</a> <a href="#">Entrez Gene 68135 MouseEntrez Gene 299899 RatEntrez Gene 8667 Human O15372</a>



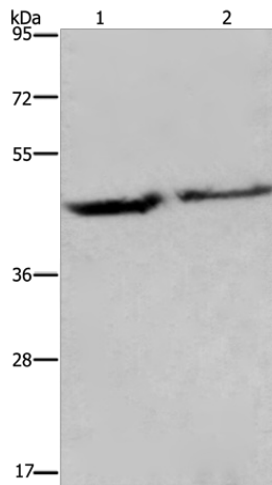
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**Background:**

Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA<sub>i</sub> and eIF-5 to form the 43S preinitiation 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.

**Synonyms:**

eIF3-gamma; eIF3-p40; EIF3S3

**Product images:**

Gel: 8%SDS-PAGE

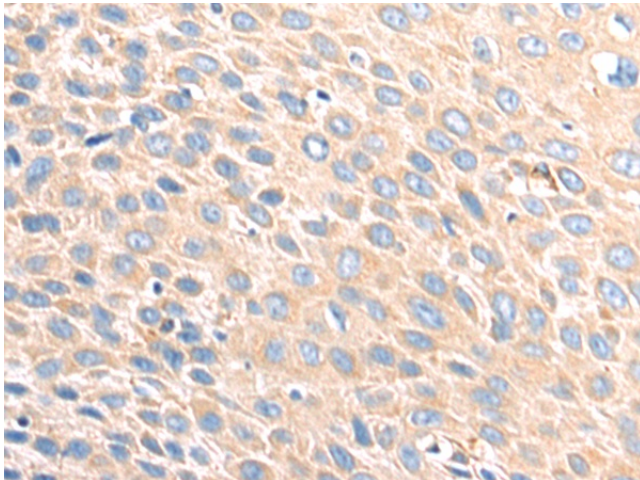
Lysate: 40 µg

Lane 1-2: Human adrenal pheochromocytoma and fetal brain tissue

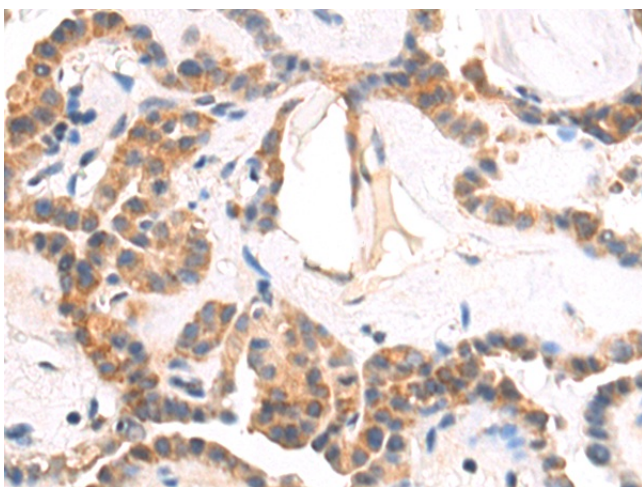
Primary antibody: [TA349924] (EIF3H Antibody) at dilution 1/1150

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA349924] (EIF3H Antibody) at dilution 1/50. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349924] (EIF3H Antibody) at dilution 1/50. (Original magnification: x200)