

## Product datasheet for **TA392598S**

### EIF3S3 (EIF3H) Rabbit Polyclonal Antibody

#### Product data:

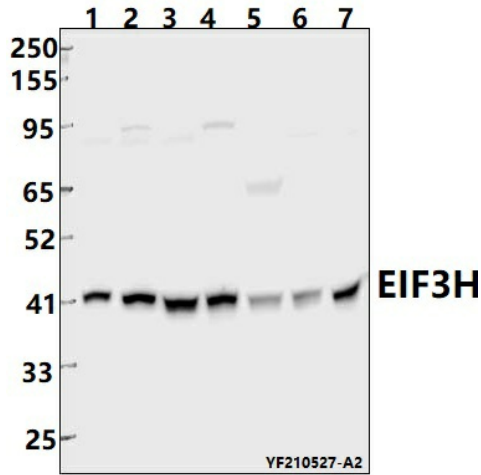
|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | IF, IHC, WB   |
| Recommended Dilution:   | WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200  |
| Reactivity:             | Human, Rat, Mouse   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | Synthetic peptide, corresponding to Human EIF3H.  |
| Specificity:            | EIF3H polyclonal antibody detects endogenous levels of EIF3H protein.   |
| Formulation:            | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2  |
| Concentration:          | 1mg/ml  |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.  |
| Stability:              | 1 year  |
| Predicted Protein Size: | ~ 40 kDa  |
| Gene Name:              | eukaryotic translation initiation factor 3 subunit H  |
| Database Link:          | <a href="#">Entrez Gene 8667 Human O15372</a>   |
| 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 post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. |
| Synonyms:               | eIF-3-gamma; eIF3 p40 subunit; EIF3H; eIF3h; EIF3S3; Eukaryotic translation initiation factor 3 subunit 3; Eukaryotic translation initiation factor 3 subunit H   |



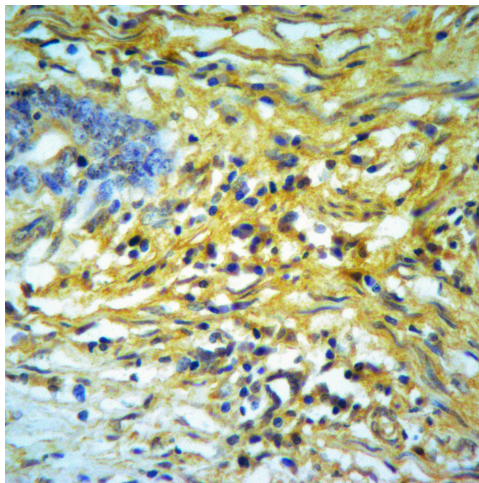
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**Note:** For research use only, not for use in diagnostic procedure.

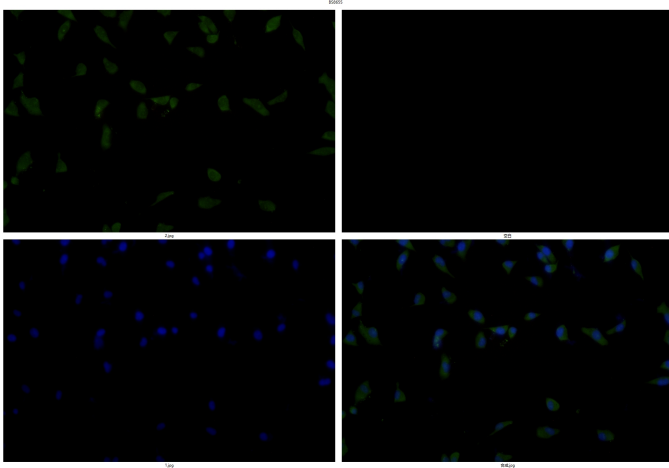
**Product images:**



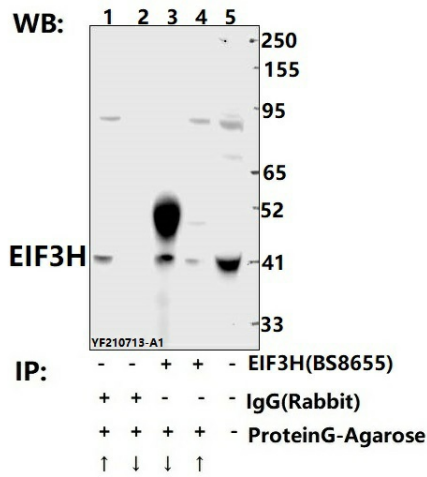
Western blot (WB) analysis of EIF3H polyclonal antibody at 1:5000 dilution Lane1:EC9706 whole cell lysate(40ug) Lane2:PC3 whole cell lysate(40ug) Lane3:Jurkat whole cell lysate(40ug) Lane4:The Pancreas tissue lysate of Mouse(40ug) Lane5:The Thymus tissue lysate of Rat(40ug) Lane6:The Testis tissue lysate of Mouse(40ug) Lane7:The Brain tissue lysate of Rat(40ug)



Immunohistochemistry of paraffin-embedded Human Colorectal cancer using EIF3H antibody at dilution of 1:50.



Immunofluorescence analysis of PC3 cells using EIF3H antibody at dilution of 1:50.



Immunoprecipitation of Jurkat cell lysates using EIF3H pAb (Sepharose Bead Conjugate)#BD0048 (lane 3 and lane 4) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane 1 and lane 2) .Lane 5 is 30% input. The western blot was probed using EIF3H pAb #[TA392598].