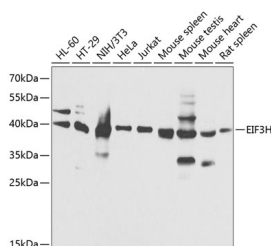


EIF3H Polyclonal Antibody

| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-64596 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IHC | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of various cell lines using EIF3H Polyclonal Antibody at 1:1000 dilution.

Immunogen Information

| | |
|------------------|---|
| Immunogen | Recombinant fusion protein of human EIF3H |
| GeneID | 8667 |
| Swissprot | O15372 |
| Synonyms | EIF3H,EIF3S3,eIF3-gamma,eIF3-p40 |

Product Information

| | |
|----------------------|---|
| Calculated MW | 39kDa |
| Observed MW | 40kDa |
| Buffer | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000,IHC 1:50-1:200 |

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-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. 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.

For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.