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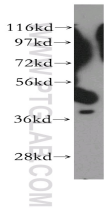
EIF3H Polyclonal Antibody

Catalog number: 11310-1-AP
Size: 20 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
EIF3H; EIF3S3; MGC102958; eIF3-gamma; eIF3-p40



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 11310-1-AP(EIF3H Antibody) at dilution of 1:800

Background

Eukaryotic translation initiation factor eIF3, that plays a central role in translation initiation, consists of five core subunits that are present in both the budding yeast and higher eukaryotes. 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 preinitiation complex. The complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. It 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. EIF3H is a component of the EIF3 complex. [PMID:19204574,20503360]

Applications

Tested applications:	**ELISA, WB**
Species specificity:	**Human, mouse, rat; other species not tested.**
Positive WB detected in:	**NIH/3T3 cells**
Caculated EIF3H MW:	**40kd**
Observed EIF3H MW:	**40kd**
Recommended dilution:	**WB: 1:200-1:2000**

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

Immunogen information

Immunogen:	**Ag1850**
GenBank accession number:	**BC000386**
Gene ID (NCBI):	**8667**
Full name:	**Eukaryotic translation initiation factor 3, subunit H**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**