

EIF3F Rabbit Polyclonal Antibody

Catalog No: #55085

Package Size: #55085-1 50ul #55085-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

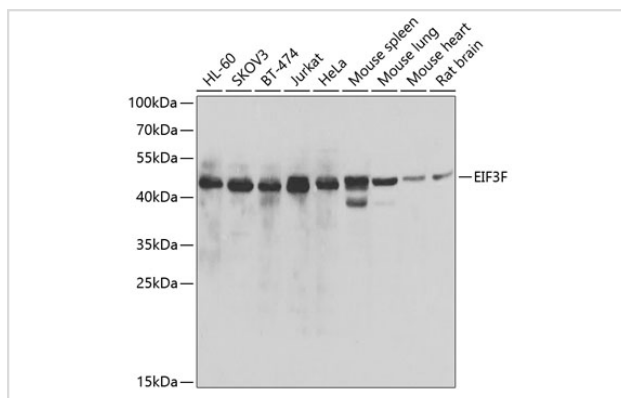
Description

| | |
|-----------------------|--|
| Product Name | EIF3F Rabbit Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | Recombinant fusion protein of human EIF3F (NP_003745.1). |
| Other Names | EIF3F;EIF3S5;eIF3-p47 |
| Accession No. | Uniprot:O00303GeneID:8665 |
| Calculated MW | 37kDa |
| SDS-PAGE MW | 42kDa |
| Formulation | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using EIF3F antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.