

Datasheet for ABIN2856455

anti-EIF3H antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	EIF3H
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3H antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human eIF3H / EIF3S3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to EIF3S3 (eukaryotic translation initiation factor 3, subunit H) EIF3 gamma antibody [N2C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	EIF3H
Alternative Name:	eukaryotic translation initiation factor 3 subunit H (EIF3H Products)

Target Details

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 ⁱ 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. Cellular Localization: Cytoplasm
Molecular Weight:	40 kDa
Gene ID:	8667
UniProt:	O15372
Pathways:	Ribonucleoprotein Complex Subunit Organization

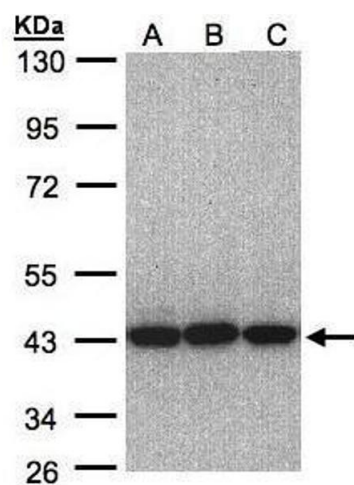
Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 , H1299 , HepG2
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.87 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample(30 ug whole cell lysate) A:A431, B:H1299 C:Hep G2 , 10% SDS PAGE antibody diluted at 1:1000