BT LAB
Bioassay Technology Laboratory
Optimize Your Research

eIF3L Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02893
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human IF3EI. AA range:1-50
Mol wt	66727
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	eIF3L Antibody
Synonyms	EIF3L; EIF3EIP; EIF3S6IP; HSPC021; HSPC025; MSTP005; Eukaryotic translation initiation factor 3 subunit L; eIF3l; Eukaryotic translation initiation factor 3 subunit 6-interacting protein; Eukaryotic t

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 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.Deubiquitinates activated NOTCH1, promoting its nuclear import, thereby acting as a positive regulator of Notch signaling.

Recommended Dilution

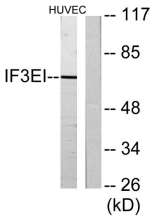
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

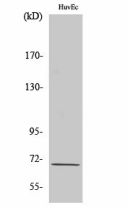
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HUVEC cells, using IF3EI Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using eIF3L Polyclonal Antibody diluted at 1:1000

Storage

-20°C for one year

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