

## elf3L Polyclonal Antibody

Cat #: ABP51247

Size: 30μl /100μl /200μl

### Product Information

	<b>Product Name:</b> elf3L Polyclonal Antibody		
	<b>Applications:</b> WB, IF, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human, Mouse		
<b>REF</b>	<b>Catalog Number:</b> ABP51247	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** Component of the eukaryotic translation initiation factor 3 (elf-3) complex, which is required for several steps in the initiation of protein synthesis. The elf-3 complex associates with the 40S ribosome and facilitates the recruitment of elf-1, elf-1A, elf-2:GTP:methionyl-tRNAi and elf-5 to form the 43S preinitiation complex (43S PIC). The elf-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The elf-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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), ELISA (1:20000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

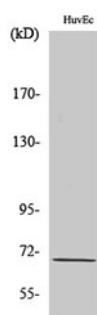


Fig. Western Blot analysis of various cells using eIF3L Polyclonal Antibody diluted at 1:1000.

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