

Product datasheet for **AP51395PU-N**

eIF3s8 (EIF3C) (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100 - 1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 537-567 amino acids from the Central region of human EIF3C
Specificity:	This antibody reacts to EIF3C.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	105344 Da
Gene Name:	eukaryotic translation initiation factor 3 subunit C
Database Link:	Entrez Gene 56347 Mouse Entrez Gene 8663 Human Q99613



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Background:

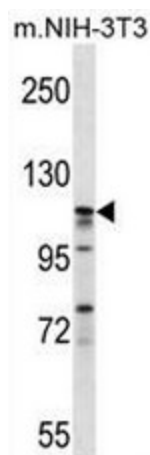
Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAⁱ and eIF-5 to form the 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.

Synonyms:

Eukaryotic translation initiation factor 3 subunit C, eIF3 p110

Protein Families:

Druggable Genome

Product images:

EIF3C Antibody (Center) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the EIF3C antibody detected the EIF3C protein (arrow).