

Product datasheet for **AP51396PU-N**

eIF3s8 (EIF3C) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 127-155 amino acids from the N-terminal region of Human EIF3CL.
Specificity:	This antibody recognizes EIF3CL (N-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography followed by peptide affinity purification
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 8663 Human Q99613



[View online »](#)

Background:

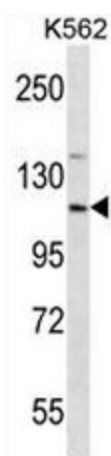
Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAⁱ and eIF-5 to form the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

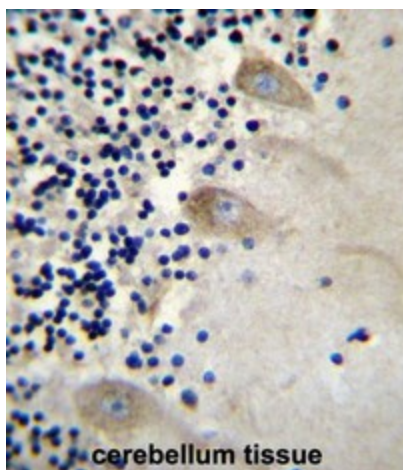
Eukaryotic translation initiation factor 3 subunit C, eIF3 p110

Protein Families:

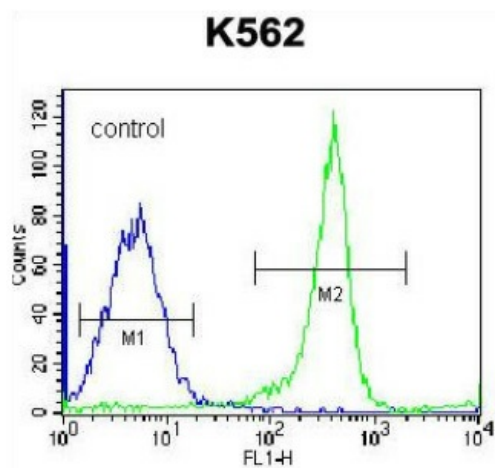
Druggable Genome

Product images:

Western blot analysis using EIF3CL Antibody (N-term) in K562 cell line lysates (35ug/lane). This demonstrates the EIF3CL antibody detected the EIF3CL protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue using EIF3CL Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of EIF3CL Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometric analysis of K562 cells using EIF3CL Antibody (N-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.