

eIF3c Polyclonal Antibody

Catalog NumberPA5-27527

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 661 and 903 of Human eIF3 p110	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.9 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, Jurkat, Raji. Predicted reactivity: Mouse (100%), Rat (100%), Zebrafish (93%), Xenopus laevis (88%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

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.

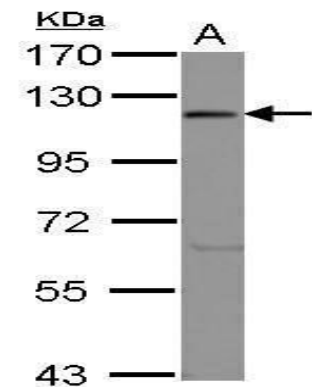
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Product Images For eIF3c Polyclonal Antibody



eIF3c Antibody (PA5-27527) in WB
Western Blot using eIF3c Polyclonal Antibody (Product # PA5-27527). Sample (30 µg of whole cell lysate). Lane A: 293T . 7.5% SDS PAGE. eIF3c Polyclonal Antibody (Product # PA5-27527) diluted at 1:1,000.

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