

SEC61A1 Polyclonal Antibody

Catalog NumberPA1-31455

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *2-4 µg/mL
Type	Antibody	* 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.	
Immunogen	Peptide with sequence KEQSEVGSMGALLF, from C-Terminus of the protein sequence according to NP_037468		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA1-31455 detects SEC61A1 from human samples. PA1-31455 has been successfully used in Western blot applications. The PA1-31455 immunogen is: Peptide with sequence KEQSEVGSMGALLF, from C-Terminus of the protein sequence according to NP_037468

Background/Target Information

The Sec61 complex is responsible for translocation of proteins across the rough endoplasmic reticulum membrane. Sec61 is composed of three subunits: alpha, beta, and gamma; that associate to form a heterotrimer. Multiple heterotrimers associate forming the ER translocon. Sec61 alpha is a polytopic protein that has ten membrane-spanning loops. Sec61 has been found to be tightly associated with membrane bound ribosomes, either directly or through adaptor proteins, and is required for assembly of membrane and secretory proteins.

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Product Images For SEC61A1 Polyclonal Antibody



SEC61A1 Antibody (PA1-31455) in WB
Western blot analysis of SEC61A1 in human brain (cerebellum) lysate (35µg protein in RIPA buffer) using a SEC61A1 polyclonal antibody (Product # PA1-31455) at a dilution of 0.3µg/ml.



SEC61A1 Antibody (PA1-31455) in WB
Western blot analysis of SEC61A1 using a SEC61A1 polyclonal antibody (Product # PA1-31455).

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