

For Research Use Only

Selenoprotein P Recombinant antibody, PBS Only

Catalog Number: 85017-4-PBS



Basic Information

Catalog Number: 85017-4-PBS	GenBank Accession Number: NM_001085486.2	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6414	CloneNo.: 242510E7
Source: Rabbit	UNIPROT ID: P49908	
Isotype: IgG	Full Name: selenoprotein P, plasma, 1	
Immunogen Catalog Number: AG32952	Calculated MW: 43 kDa	
	Observed MW: 45-60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human

Background Information

Selenoprotein P, also known as SEPP1, is expressed in the liver and heart and secreted into the plasma (PMID: 8421687). Selenoprotein P is implicated as an extracellular antioxidant involved in the transport of selenium to extra-hepatic tissues via apolipoprotein E receptor-2 (apoER2) and provides selenium to tissues such as brain and testis. In humans, it exists in plasma as two isoforms of approximately 50 and 60 kDa (PMID: 19453253). Selenoprotein P is a glycosylated protein and deglycosylation of SEPP1 results in 45 kDa and 35 kDa isoforms (PMID: 25298198).

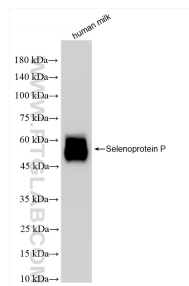
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



human milk were subjected to SDS PAGE followed by western blot with 85017-4-RR (Selenoprotein P antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85017-4-PBS in a different storage buffer formulation.