

For Research Use Only

SELENOO Polyclonal antibody

Catalog Number: 32860-1-AP



Basic Information

Catalog Number: 32860-1-AP	GenBank Accession Number: BC110866	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 83642	Recommended Dilutions: WB: 1:1000-1:5000
Source: Rabbit	UNIPROT ID: Q9BVL4	
Isotype: IgG	Full Name: selenoprotein O	
Immunogen Catalog Number: AG35939	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HEK-293 cells, K-562 cells
Species Specificity: human	

Background Information

SELENOO (Selenoprotein O) is a selenocysteine-containing (Sec) selenoprotein belonging to the oxidoreductase family, which is mainly localized in the endoplasmic reticulum (ER) membranes with multiple transmembrane structural domains. SELENOO plays important roles in a variety of cellular processes, including redox homeostasis and lipid metabolism and DNA damage repair. It plays an important role in a variety of cellular processes, including redox homeostasis, lipid metabolism, and DNA damage repair. SELENOO is aberrantly expressed in a variety of diseases, including cancer and neurodegenerative diseases. For example, in melanoma and lung cancer, the upregulation of SELENOO expression is associated with tumor progression and metastasis, which has become a hot topic in current research.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

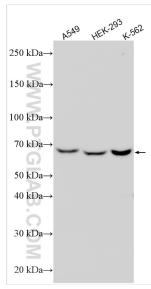
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32860-1-AP (RP3-402G11.5 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.