

For Research Use Only

# SELENOO Polyclonal antibody

Catalog Number:32860-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HEK-293 cells, K-562 cells
<b>Species Specificity:</b> 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

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

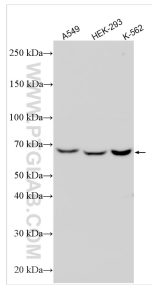
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## Selected Validation Data



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.