

For Research Use Only

SELK Polyclonal antibody

Catalog Number: 12561-1-AP

4 Publications



Basic Information

Catalog Number:

12561-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 153 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3143

GenBank Accession Number:

BC013162

GeneID (NCBI):

58515

UNIPROT ID:

Q9Y6D0

Full Name:

selenoprotein K

Calculated MW:

94 aa, 10 kDa

Observed MW:

10 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : K-562 cells,

Background Information

Selenoprotein K (SelK), a single-pass transmembrane protein that resides in the endoplasmic reticulum (ER) membrane, which has been reported to an emerging role of playing a part in protein palmitoylation. Human SelK is a 94-amino-acid protein with Sec residing at the penultimate position. It has been shown that SelK is expressed predominantly in the heart and skeletal muscle, but other tissues, such as the liver, pancreas, and placenta, also have detectable levels of SelK.(PMID: 36252341)

Notable Publications

Author	Pubmed ID	Journal	Application
Chang-lan Chen	35846991	Front Pharmacol	WB
Xiaoyan Hu	29758194	Biochem Biophys Res Commun	WB
Xiaozhe Su	39410845	Redox Rep	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

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:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 12561-1-AP (SELK antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.