SELS Polyclonal antibody

Catalog Number:15591-1-AP

Featured Product **23 Publications**

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
15591-1-AP

Size:
150ul , Concentration: 600 μg/ml by Nanodrop and 333 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7928

GenBank Accession Number:
BC005840

GeneID (NCBI):
55829

UNIPROT ID:
Q9BQE4

Full Name:
selenoprotein S

Calculated MW:
21 kDa

Observed MW:
21 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:
WB, IP, ELISA

Cited Applications:
WB, IF, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human, chicken, rat, mouse, pig

Positive Controls:
WB : rat brain tissue, HeLa cells
IP : HepG2 cells,

Background Information

SELS, also named as VIMP and SEPS1, plays an important role in the production of inflammatory cytokines and its expression is activated by endoplasmic reticulum (ER) stress. It probably acts by serving as a linker between DERL1 and VCP.

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Liu	34679693	Antioxidants (Basel)	WB
Zixin Min	30247797	J Cell Mol Med	IHC,WB
Zinan Wang	34715363	Int J Biochem Cell Biol	WB

Storage

Storage:
Store at -20℃. 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
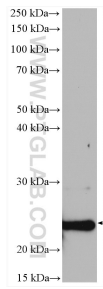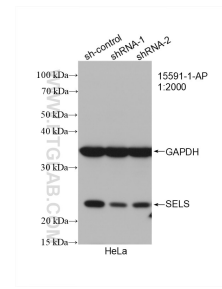
*** 20ul sizes contain 0.1% BSA

---

rat brain tissue were subjected to SDS PAGE followed by western blot with 15591-1-AP (SELS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.
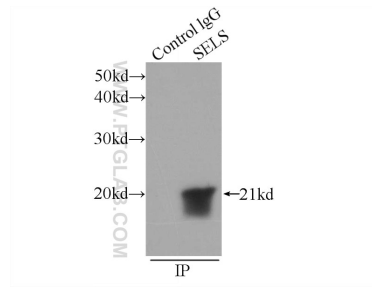
IP result of anti-SELS (IP:15591-1-AP, 3ug; Detection:15591-1-AP 1:500) with HepG2 cells lysate 600ug.

WB result of SELS antibody (15591-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SELS transfected HeLa cells.