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SELENBP1 Polyclonal Antibody

(Catalog # A73262)

Background
This gene encodes a member of the selenium-binding protein family. Selenium is an essential nutrient that exhibits potent anticarcinogenic properties, and deficiency of selenium may cause certain neurologic diseases. The effects of selenium in preventing cancer and neurologic diseases may be mediated by selenium-binding proteins, and decreased expression of this gene may be associated with several types of cancer. The encoded protein may play a selenium-dependent role in ubiquitination/de-ubiquitination-mediated protein degradation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Description
SELENBP1 Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Specificity
Human, Mouse

Isotype
IgG

Uniprot ID
Q13228

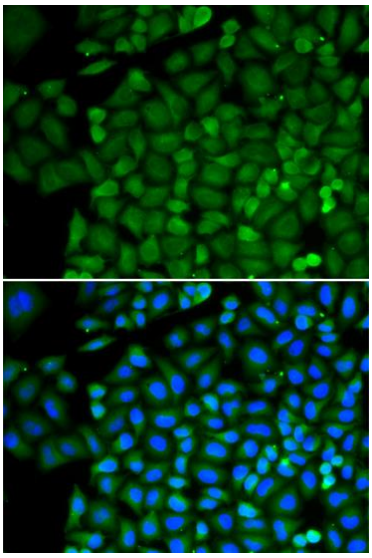
Purification
Affinity Purified

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 243-472 of human SELENBP1 (NP_003935.2).

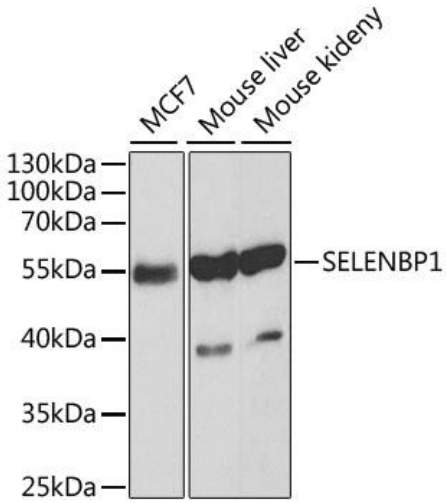
Storage
Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names
SELENBP1; HEL-S-134P; LPSB; SBP56; SP56; hSBP

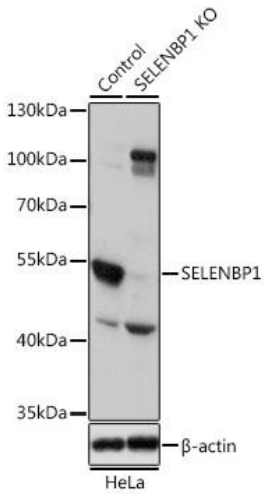
Application
WB, IF; Recommended dilution: WB 1:500 - 1:2000, IF/ICC 1:50 - 1:200



Immunofluorescence analysis of HeLa cells using SELENBP1 Polyclonal Antibody. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using SELENBP1 Polyclonal Antibody at 1:1000 dilution.
Secondary Antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts from normal (control) and SELENBP1 knockout (KO) HeLa cells, using SELENBP1 Polyclonal Antibody at 1:1000 dilution.
Secondary Antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.

