

Product Name: KD-Validated SELENBP1 Mouse Monoclonal Antibody**Catalog #: KVA00431**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 52.4kDa

Antigen Information

Gene Name	SELENBP1 SELENBP1; Selenium Binding Protein 1; Methanethiol Oxidase; HSBP; LPSB; 56 KDa
Alternative Names	Selenium-Binding Protein; HSP56; SBP56; SP56; MTO; Epididymis Secretory Sperm Binding Protein Li 134P; Selenium-Binding Protein 1; HEL-S-134P; EC 1.8.3.4; EHMT0; SBP
Gene ID	8991.0
SwissProt ID	Q13228
Immunogen	Recombinant protein of human SELENB1

Background

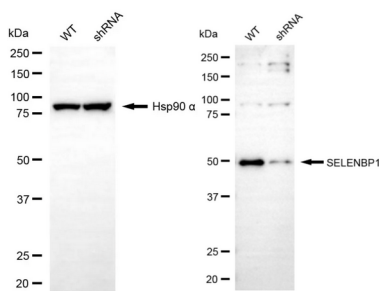
This gene encodes a member of the selenium-binding protein family. Selenium is an essential nutrient that exhibits potent anticarcinogenic properties, and deficiency of selenium may cause certain neurologic diseases. The effects of selenium in

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/deubiquitination-mediated protein degradation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2012]

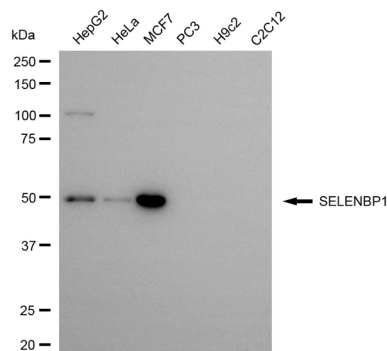
Research Area

Cancer

Image Data



Western blotting analysis using SELENBP1 antibody (KVA00431). SELENBP1 expression in wild-type (WT) and SELENBP1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SELENBP1 antibody (KVA00431, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using SELENBP1 antibody (KVA00431). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SELENBP1 antibody (KVA00431, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.