ARG56259
anti-Selenium Binding Protein 1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Selenium Binding Protein 1
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Selenium Binding Protein 1
Species	Human
Immunogen	Recombinant protein of Human Selenium Binding Protein 1
Conjugation	Un-conjugated
Alternate Names	Selenium-binding protein 1; LPSB; HEL-S-134P; SBP56; 56 kDa selenium-binding protein; SP56; hSBP

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:200
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: K562

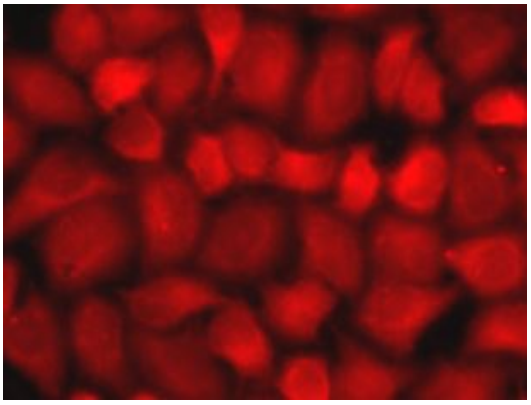
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

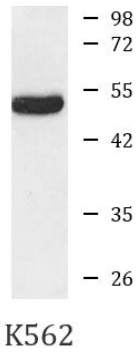
Database links	GeneID: 20341 Mouse GeneID: 8991 Human Swiss-port # P17563 Mouse Swiss-port # Q13228 Human
Gene Symbol	SELENBP1
Gene Full Name	selenium binding protein 1
Background	This gene encodes a member of the selenium-binding protein family. Selenium is an essential nutrient that exhibits potent 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]
Function	Selenium-binding protein which may be involved in the sensing of reactive xenobiotics in the cytoplasm. May be involved in intra-Golgi protein transport (By similarity). [UniProt]
Calculated Mw	52 kDa
PTM	Phosphorylated. The N-terminus is blocked.

Images



ARG56259 anti-Selenium Binding Protein 1 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG56259 anti-Selenium Binding Protein 1 antibody.



ARG56259 anti-Selenium Binding Protein 1 antibody WB image

Western blot: K562 cell lysate stained with ARG56259 anti-Selenium Binding Protein 1 antibody.