

Datasheet for ABIN3042829
anti-SELENBP1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	SELENBP1
Binding Specificity:	AA 226-240, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SELENBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Selenium-binding protein 1(SELENBP1) detection. Tested with WB, IHC-P in Human.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human Selenium Binding Protein 1(226-240aa SHLYVWDWQRHEIVQ).
Sequence:	SHLYVWDWQR HEIVQ
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Selenium-binding protein 1(SELENBP1) detection. Tested with WB, IHC-P in Human. Gene Name: selenium binding protein 1 Protein Name: Selenium-binding protein 1

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: SELENBP1

Alternative Name: SELENBP1 ([SELENBP1 Products](#))

Background: Selenium-binding protein 1, also known as SELENBP1 or SBP is a protein that in humans is encoded by the SLELNBP1 gene. This gene is mapped to 1q21.3. 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.

Synonyms: 56 kDa selenium binding protein antibody|56 kDa selenium-binding protein antibody|hSBP antibody|LPSB antibody|SBP antibody|SBP1 antibody|SBP1_HUMAN antibody|SBP56 antibody|Selenbp1 antibody|Selenbp2 antibody|Selenium binding protein 2 antibody|Selenium binding protein1 antibody|Selenium-binding protein 1 antibody|SELNBP1 antibody|SP56 antibody

UniProt: [Q13228](#)

Pathways: [Brown Fat Cell Differentiation](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

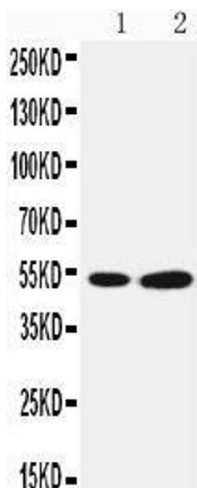
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

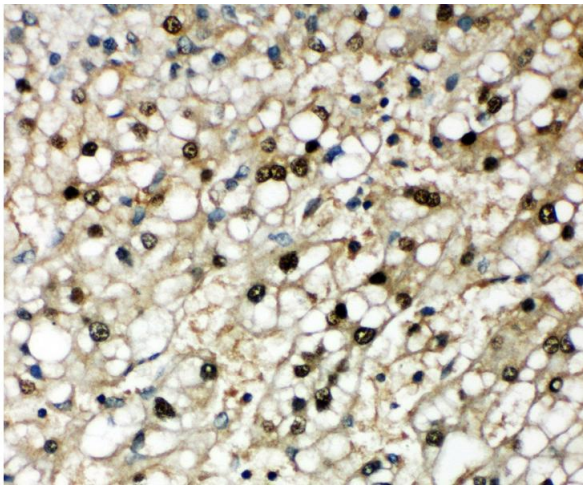
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Anti-Selenium Binding Protein 1 antibody, Western blotting Lane 1: COLO320 Cell Lysate Lane 2: PANC Cell Lysate



Immunohistochemistry

Image 2. Anti-Selenium Binding Protein 1 antibody, IHC(P)

IHC(P): Human Liver Cancer Tissue