

## Anti-SBP/SELENBP1 Antibody Picoband® Biotin Conjugated

Catalog Number: PA2216-Biotin

### About SELENBP1

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.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-SBP/SELENBP1 Antibody Picoband® Biotin Conjugated   |
| Reactive Species     | Human  |
| Application          | WB, IHC, ELISA   |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.                             |
| Host                 | Rabbit   |
| Uniprot ID           | Q13228   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence in the middle region of human Selenium Binding Protein 1.  |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Biotin   |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users.<br>Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. |

ELISA, Optimal dilutions should be determined by end users.

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