

## Product datasheet for **TA365871**

### Selenium Binding Protein 1 (SELENBP1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal liver tissue lysate IHC: 30-150 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human SELENBP1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	53 kDa
Gene Name:	selenium binding protein 1
Database Link:	<a href="#">Entrez Gene 8991 Human Q13228</a>



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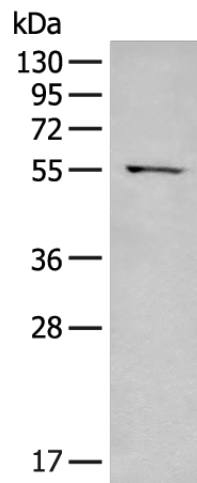
**Background:**

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.

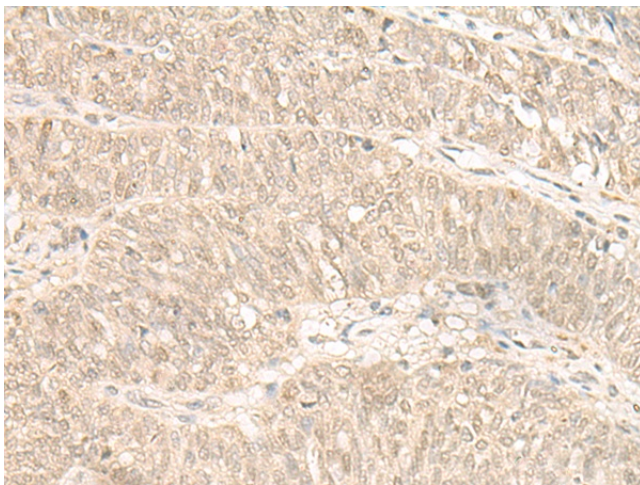
**Synonyms:**

FLJ13813; hSBP; hSP56; LPSB; SBP; SP56

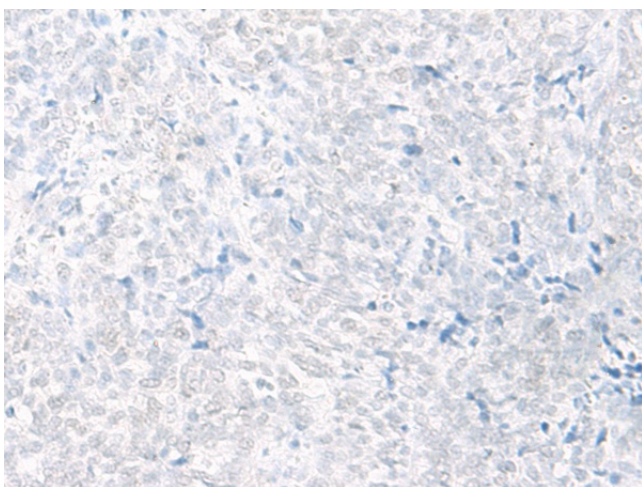
**Product images:**



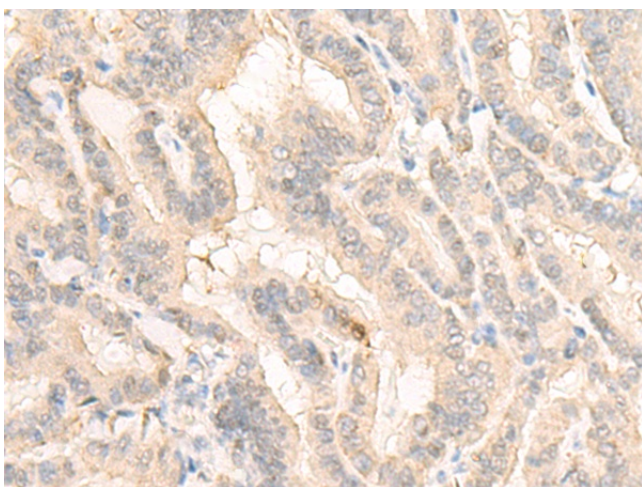
Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane: Human fetal liver tissue lysate  
 Primary antibody: TA365871 (SELENBP1 Antibody) at dilution 1/250  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 20 seconds



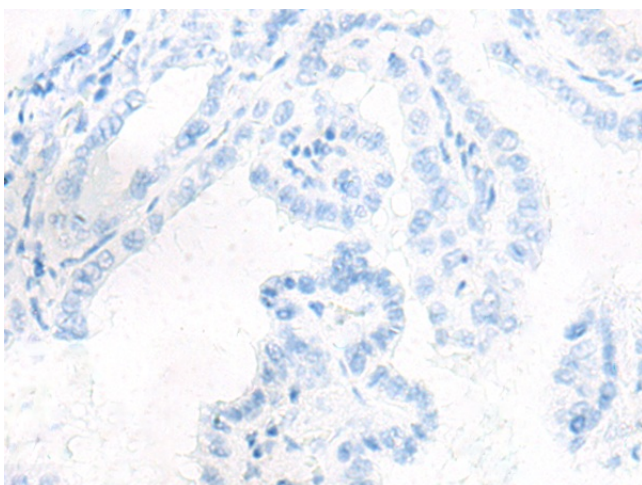
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA365871 (SELENBP1 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA365871 (SELENBP1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365871 (SELENBP1 Antibody) at dilution 1/20 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365871 (SELENBP1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)