

**SUSD2 Antibody (Internal)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10986****Specification**

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**SUSD2 Antibody (Internal) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">Q9UGT4</a> |
| Reactivity        | Human, Monkey          |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 90kDa KDa              |

**SUSD2 Antibody (Internal) - Additional Information****Gene ID** 56241**Other Names**

Sushi domain-containing protein 2, SUSD2

**Target/Specificity**

Human SUSD2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

SUSD2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**SUSD2 Antibody (Internal) - Protein Information****Name** SUSD2**Function**

May be a cytokine receptor for GPR15LG. May be a tumor suppressor; together with GPR15LG has a growth inhibitory effect on colon cancer cells which includes G1 cell cycle arrest (PubMed:<a href="http://www.uniprot.org/citations/25351403" target="\_blank">25351403</a>). May play a role in breast tumorigenesis (PubMed:<a href="http://www.uniprot.org/citations/23131994" target="\_blank">23131994</a>).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Note=SUSD2 and LGALS1 co-localized in very specific, punctate regions along the cell membrane of breast cancer cells

**Tissue Location**

Highly expressed in breast cancer, but shows a restricted expression pattern in normal tissues

such as adipose, adrenal gland, kidney, lung, mammary gland, placenta, thyroid, trachea, and uterus (PubMed:23131994). Also expressed in colon; down-regulated in colon cancer tissues (PubMed:25351403)

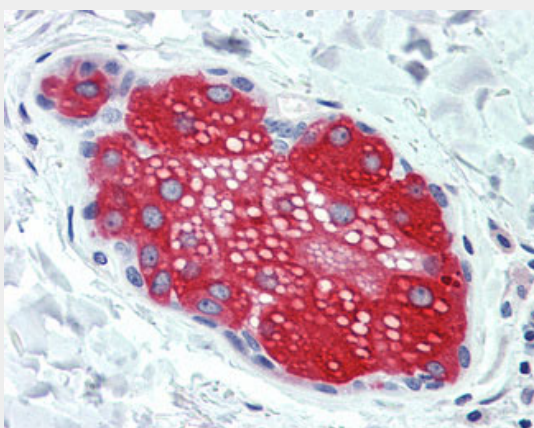
**Volume**  
50 µl

### **SUSD2 Antibody (Internal) - Protocols**

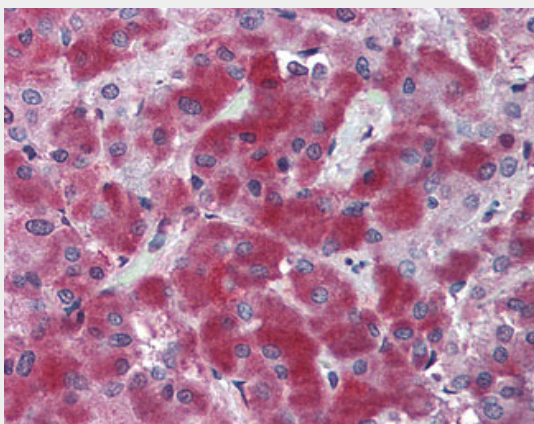
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **SUSD2 Antibody (Internal) - Images**



Anti-SUSD2 antibody ALS10986 IHC of human skin, sebaceous gland.



Anti-SUSD2 antibody ALS10986 IHC of human adrenal.

### **SUSD2 Antibody (Internal) - Background**

May play a role in breast tumorigenesis.

#### **SUSD2 Antibody (Internal) - References**

Dunham I.,et al.Nature 402:489-495(1999).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Liu T.,et al.J. Proteome Res. 4:2070-2080(2005).  
Chen R.,et al.J. Proteome Res. 8:651-661(2009).  
Watson A.P.,et al.Mol. Cancer Res. 11:74-85(2013).