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SUSD2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS10987

Specification

SUSD2 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q9UGT4
Reactivity	**Human**
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:25351403). May play a role in breast tumorigenesis (PubMed:23131994).

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)

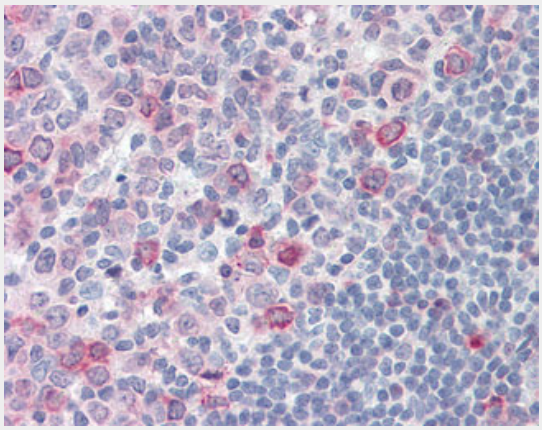
Volume
50 µl

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 Cytomety
- Cell Culture

SUSD2 Antibody (Internal) - Images



Anti-SUSD2 antibody ALS10987 IHC of human tonsil.

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).