10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SUSD2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13050B

Product Information

Application	IHC-P, WB, E
Primary Accession	Q9UGT4
Other Accession	NP_062547.1
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32926
Calculated MW	90208
Antigen Region	716-745

Additional Information

Gene ID	56241
Other Names	Sushi domain-containing protein 2, SUSD2
Target/Specificity	This SUSD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 716-745 amino acids from the C-terminal region of human SUSD2.
Dilution	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SUSD2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

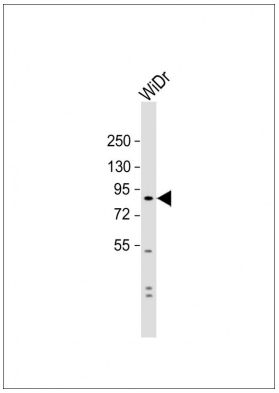
Tissue Location

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)

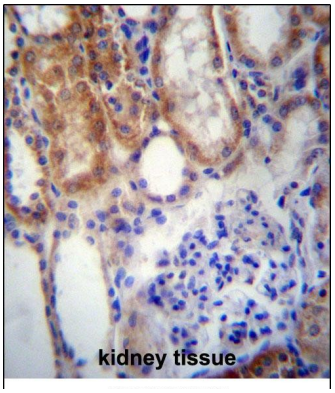
References

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
Liu, T., et al. J. Proteome Res. 4(6):2070-2080(2005)
Dunham, I., et al. Nature 402(6761):489-495(1999)

Images



Anti-SUSD2 Antibody (C-term) at 1:1000 dilution + WiDr whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 90 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



SUSD2 Antibody (C-term) (Cat. #AP13050b)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SUSD2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.