

Rabbit anti-Human SUSD2 Polyclonal Antibody | anti-SUSD2 antibody

SUSD2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284141	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

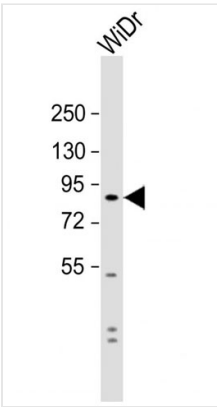
PRODUCT SYNONYMS

SUSD2; Polyclonal Antibody; SUSD2 Antibody (C-term); Sushi domain-containing protein 2; anti-SUSD2 antibody

PRODUCT SPECIFICATIONS

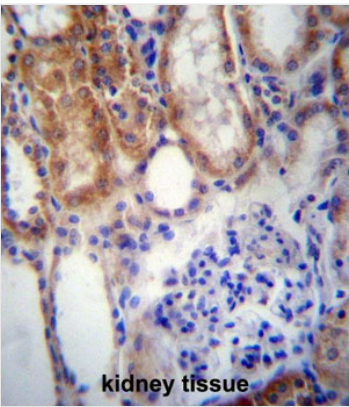
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SUSD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 716-745 amino acids from the C-terminal region of human SUSD2.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-SUSD2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Region	716-745
Function	May be a cytokine receptor for C10ORF99. May be a tumor suppressor; together with C10ORF99 has a growth inhibitory effect on colon cancer cells which includes G1 cell cycle arrest (PubMed:). May play a role in breast tumorigenesis (PubMed:).
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)
Preparation and 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.

IMAGES



WB (Western Blot)

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.



IHC (Immunohistochemistry)

SUSD2 Antibody (C-term) (AAA284141) 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.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SUSD2 antibody	Cell Biology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092665
NCBI GeneID	56241
NCBI Accession #	NP_062547.1
NCBI GenBank Nucleotide #	NM_019601.3
UniProt Accession #	Q9UGT4; Q9H5Y6
Molecular Weight	90208
NCBI Official Full Name	sushi domain-containing protein 2
NCBI Official Synonym Full Names	sushi domain containing 2
NCBI Official Symbol	SUSD2
NCBI Official Synonym Symbols	BK65A6.2
NCBI Protein Information	sushi domain-containing protein 2
UniProt Protein Name	Sushi domain-containing protein 2
UniProt Gene Name	SUSD2
UniProt Entry Name	SUSD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.