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SUSD2 Rabbit pAb

Catalog # AP99452

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UGT4
Other Accession	Q9UGT4
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90208
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SUSD2
Epitope Specificity	301-400/822
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 AMOP domain. Contains 1 SMB (somatomedin-B) domain. Contains 1 Sushi (CCP/SCR) domain. Contains 1 VWFD domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SUSD2 (Sushi Domain Containing 2) is a Protein Coding gene. Diseases associated with SUSD2 include Breast Cancer. Gene Ontology (GO) annotations related to this gene include scavenger receptor activity and polysaccharide binding. An important paralog of this gene is MUC4.

Additional Information

Gene ID	56241
Other Names	BK65A6.2; W5C5; SUSD2_HUMAN; SUSD2; sushi domain containing 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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)

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