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Datasheet for ABIN6992182
anti-SUSD3 antibody (AA 120-170)

Overview

Quantity:	0.1 mg
Target:	SUSD3
Binding Specificity:	AA 120-170
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUSD3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Immunogen:	SUSD3 antibody was raised against a 16 amino acid peptide from near the center of human SUSD3. The immunogen is located within amino acids 120 - 170 of SUSD3.
Isotype:	IgG
Specificity:	SUSD3 antibody is human and mouse reactive. Multiple isoforms of SUSD3 are known to exist.
Purification:	SUSD3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SUSD3
Alternative Name:	SUSD3 (SUSD3 Products)
Background:	Little is known of the function of the sushi domain containing 3 protein (SUSD3), but its

Target Details

expression has been reported in estrogen receptor-alpha (ERalpha)-positive breast tumors with decreased expression reported in aggressive malignant tumors (1,2). Recently, SUS D3 has been found to promote estrogen-dependent cell proliferation and may regulate cell-cell and cell-substrate interactions and migration in breast cancer (3). Furthermore, elevated SUS D3 mRNA levels were observed in aromatase inhibitor-responsive breast tumors, suggesting that it may also serve as a novel predictor of response to endocrine therapy and a potential therapeutic target (3).

Molecular Weight: Predicted: 16, 22, 23, 28 kDa

Observed: 23 kDa

Gene ID: 203328

NCBI Accession: [NP_659443](#)

UniProt: [Q96L08](#)

Application Details

Application Notes: SUS D3 antibody can be used for the detection of SUS D3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in human samples and Immunocytochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SUS D3 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SUS D3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.