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Datasheet for ABIN6945028
anti-SPCS2 antibody (AA 2-100) (Biotin)

Overview

Quantity:	100 µL
Target:	SPCS2
Binding Specificity:	AA 2-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPCS2 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SPCS2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	SPCS2
Alternative Name:	SPCS2 (SPCS2 Products)
Background:	Synonyms: Microsomal signal peptidase 25 kDa subunit, Signal peptidase complex subunit 2,

Target Details

Signal peptidase complex subunit 2 homolog (*S. cerevisiae*), SPase 25 kDa subunit, SPCS2, SPCS2_HUMAN.

Background: SPCS2 is a 226 amino acid multi-pass membrane protein that localizes to both the microsome and the endoplasmic reticulum (ER), and belongs to the SPCS (signal peptidase complex subunit) family. Existing as a component of the microsomal signal peptidase complex which consists of five members, SPCS2 removes signal peptides from nascent proteins as they are translocated into the lumen of the ER. The gene encoding SPCS2 is located on human chromosome 11, which houses over 1,400 genes and comprises nearly 4 % of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.

Gene ID:	9789
UniProt:	Q15005
Pathways:	Peptide Hormone Metabolism

Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months