SPCS2 Polyclonal Antibody

Catalog No. E-AB-52301

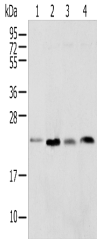
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

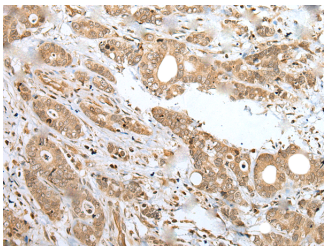
Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human SPCS2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:100

Data



Western blot analysis of Rat lung tissue HT-29 cell Mouse adrenal gland tissue and K-562 cell using SPCS2 Polyclonal Antibody at dilution of 1:450
Observed Mw:Refer to figures
Calculated Mw:25 kDa



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using SPCS2 Polyclonal Antibody at dilution of 1:35(×200)

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

SPCS2 (signal peptidase complex subunit 2), also known as SPC25 or microsomal signal peptidase 25 kDa subunit, 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.