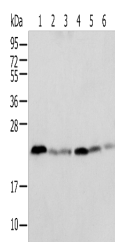


## SPCS2 Polyclonal Antibody

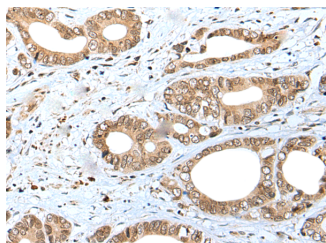
<b>Catalog No.</b>	E-AB-18383	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

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

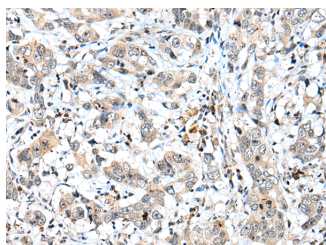
### Images



Western blot analysis of K-562 cell  
 Human placenta tissue Mouse adrenal  
 gland tissue HT-29 cell NIH/3T3 cell  
 Rat lung tissue using SPCS2  
 Polyclonal Antibody at dilution of  
 1:500



Immunohistochemistry of paraffin-  
 embedded Human gastric cancer tissue  
 using SPCS2 Polyclonal Antibody at  
 dilution of 1:40(×200)



Immunohistochemistry of paraffin-  
 embedded Human breast cancer tissue  
 using SPCS2 Polyclonal Antibody at  
 dilution of 1:40(×200)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human SPCS2
<b>Gene Accession</b>	BC082231
<b>Swissprot</b>	Q15005
<b>Synonyms</b>	Signal peptidase complex subunit 2,SPase 25 kDa subunit,SPCS2,SPCS2

### Product Information

<b>Calculated MW</b>	25 kDa
<b>Observed MW</b>	Refer to figures
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

### 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.

### For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-  
 Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-  
 Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.