

Rabbit anti-Human SPCS2 Polyclonal Antibody | anti-SPCS2 antibody

Anti-SPCS2 Antibody, Rabbit Polyclonal

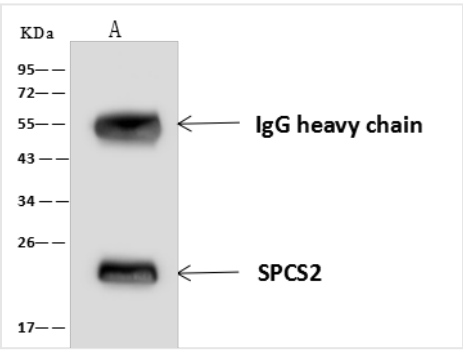
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256069	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

SPCS2; Polyclonal Antibody; Anti-SPCS2 Antibody; Rabbit Polyclonal; SPCS2 Antibody; Rabbit PAb; Antigen Affinity Purified; signal peptidase complex subunit 2 homolog (S. cerevisiae); Anti-KIAA0102 Antibody; Anti-SPC25 Antibody; anti-SPCS2 antibody

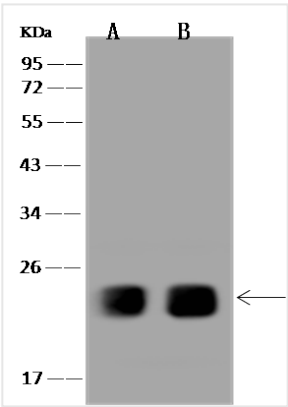
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SPCS2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SPCS2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human SPCS2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SPCS2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

SPCS2 was immunoprecipitated using: Lane A: 0.5 mg U-251 MG Whole Cell Lysate 4 uL anti-SPCS2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-SPCS2 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa Observed band size: 25 kDa



WB (Western Blot)

Anti-SPCS2 rabbit polyclonal antibody at 1:500 dilution Lane A: RT-4 Whole Cell Lysate Lane B: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa Observed band size: 23 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SPCS2 antibody	SPCS2 (Signal Peptidase Complex Subunit 2) is a Protein Coding gene. The SPCS2 gene, located on 11q13.4, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, and C.elegans. SPCS2 is a component of the microsomal signal peptidase complex which removes signal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum. SPCS2 is widely expressed in the thyroid, prostate, and other tissues. Diseases associated with SPCS2 include Late-Onset Retinal Degeneration and Neuronal Ceroid Lipofuscinosis. Among its related pathways are Viral mRNA Translation and Gene Expression. 238 organisms have orthologs with the human gene SPCS2.
References	Passantino R, et al. (2013) Identifying protein partners of cln8, an er-resident protein involved in neuronal ceroid lipofuscinosis. Biochim Biophys Acta 1833 (3): 529-540. Nagase T, et al. (1995) Prediction of the coding sequences of unidentified human genes. Iii. The coding sequences of 40 new genes (k1aa0081-k1aa0120) deduced by analysis of cDNA clones from human cell line kg-1. DNA Res 2 (1): 37-43. Argente J, et al. (2014) Defective minor spliceosome mRNA processing results in isolated familial growth hormone deficiency. EMBO Mol Med 6 (3): 299-306.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.