

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

Anti-SBDS Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255812	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

SBDS; Polyclonal Antibody; Anti-SBDS Antibody; Rabbit Polyclonal; SBDS/Shwachman-Bodian-Diamond syndrome Antibody; Rabbit PAb; Antigen Affinity Purified; Shwachman-Bodian-Diamond syndrome; Anti-CGI-97 Antibody; Anti-SDS Antibody; Anti-SWDS Antibody; anti-SBDS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SBDS/Shwachman-Bodian-Diamond syndrome
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SBDS antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human SBDS/Shwachman-Bodian-Diamond syndrome Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human SBDS/Shwachman-Bodian-Diamond syndrome (rh SBDS/Shwachman-Bodian-Diamond syndrome). SBDS/Shwachman-Bodian-Diamond syndrome specific IgG was purified by Human SBDS/Shwachman-Bodian-Diamond syndrome 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. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

SBDS was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate Lane B: 0.5 mg Jurkat Whole Cell Lysate 1 uL anti-SBDS rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-SBDS rabbit polyclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 29 kDa Observed band size: 29 kDa



IF (Immunofluorescence)

Immunofluorescence staining of SBDS in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human SBDS polyclonal antibody (1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



WB (Western Blot)

Anti-SBDS rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 29 kDa Observed band size: 32 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SBDS antibody	The mutation of Shwachman-Bodian-Diamond syndrome (SBDS) gene has been proposed to be a major causative reason for SDS. Shwachman-Diamond syndrome (SDS) is a rare pediatric disease characterized by various systemic disorders, including hematopoietic dysfunction. SBDS deficiency leads to telomere shortening, that SBDS is a telomere-protecting protein that participates in regulating telomerase recruitment.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28416940
NCBI GeneID	51119
NCBI Accession #	NP_057122.2
NCBI GenBank Nucleotide #	NM_016038.2
UniProt Accession #	Q9Y3A5; Q96FX0; Q9NV53; A8K0P4
Molecular Weight	28,764 Da
NCBI Official Full Name	ribosome maturation protein SBDS
NCBI Official Synonym Full Names	Shwachman-Bodian-Diamond syndrome
NCBI Official Symbol	SBDS
NCBI Official Synonym Symbols	SDS; SWDS; CGI-97
NCBI Protein Information	ribosome maturation protein SBDS
UniProt Protein Name	Ribosome maturation protein SBDS
UniProt Gene Name	SBDS
UniProt Entry Name	SBDS_HUMAN

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.

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