

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

SBDS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234726	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

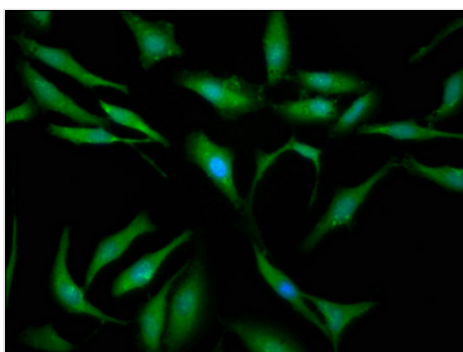
PRODUCT SYNONYMS

SBDS; Polyclonal Antibody; SBDS Antibody; Ribosome maturation protein SBDS; Shwachman-Bodian-Diamond syndrome protein; CGI-97; anti-SBDS antibody

PRODUCT SPECIFICATIONS

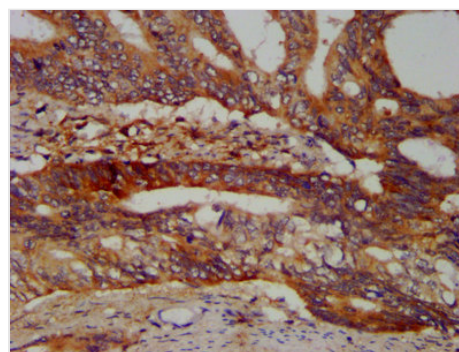
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	250
Applicable Applications for anti-SBDS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Ribosome maturation protein SBDS protein (37-153AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234726 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234726 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-SBDS antibody	Required for the assembly of mature ribosomes and ribosome biogenesis. Together with EFL1, triggers the GTP-dependent release of EIF6 from 60S pre-ribosomes in the cytoplasm, thereby activating ribosomes for translation competence by allowing 80S ribosome assembly and facilitating EIF6 recycling to the nucleus, where it is required for 60S rRNA processing and nuclear export. Required for normal levels of protein synthesis. May play a role in cellular stress resistance. May play a role in cellular response to DNA damage. May play a role in cell proliferation.
Product Categories/Family for anti-SBDS antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	28416940
NCBI GeneID	51119
NCBI Accession #	NP_057122.2
NCBI GenBank Nucleotide #	NM_016038.3
UniProt Accession #	Q9Y3A5; Q96FX0; Q9NV53; A8K0P4
Molecular Weight	28,764 Da
NCBI Official Full Name	ribosome maturation protein SBDS
NCBI Official Synonym Full Names	SBDS, ribosome maturation factor
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

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sbds-antibody-immunofluorescence-immunohistochemistry-elisa/234726>