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Datasheet for ABIN1449399  
**anti-SBDS antibody (N-Term)**

1 Image

Overview

Quantity:	0.1 mL
Target:	SBDS
Binding Specificity:	AA 1-250, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SBDS antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human SBDS (1-250aa) purified from E. coli
Clone:	AT1E8
Isotype:	IgG2b
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Protein-G affinity chromatography

Target Details

Target:	SBDS
Alternative Name:	SBDS ( <a href="#">SBDS Products</a> )
Background:	The Shwachman-Bodian-Diamond syndrome (SBDS) is 249 amino acid ribosome maturation

## Target Details

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protein. The precise function of the SBDS protein is not known but it appears to play an important role in actin cytoskeletal function and mitotic spindle stabilization. Also, SBDS is required for the assembly of mature ribosomes and ribosome biogenesis. Mutations in the SBDS gene cause Shwachman-Diamond syndrome (SDS). SDS is an autosomal recessive disorder with clinical features that include pancreatic exocrine insufficiency, haematological dysfunction and skeletal abnormalities. Synonyms: Ribosome maturation protein SBDS, Shwachman-Bodian-Diamond syndrome protein

Gene ID: 51119

NCBI Accession: [NP\\_057122](#)

UniProt: [Q9Y3A5](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1.0 mg/mL

Buffer: Phosphate -Buffered Saline ( pH 7.4) with 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

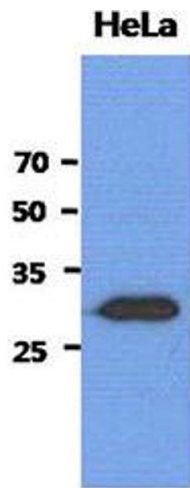


Image 1.