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Datasheet for ABIN7450730 anti-SBDS antibody (AA 175-225)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | SBDS |
| Binding Specificity: | AA 175-225 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SBDS antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunoprecipitation (IP) |

Product Details

| | |
|-----------------------|--|
| Purpose: | Rabbit anti-Shwachman-Bodian-Diamond Syndrome/SBDS Antibody, Affinity Purified |
| Immunogen: | Between AA 175 and 225 |
| Isotype: | IgG |
| Predicted Reactivity: | Bovine,Orangutan |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | SBDS |
| Alternative Name: | Shwachman-Bodian-Diamond Syndrome/SBDS (SBDS Products) |
| Background: | Background: Shwachman-Bodian-Diamond Syndrome/SBDS is required for the assembly of |

Target Details

mature ribosomes and ribosome biogenesis. Together with EFTUD1, it 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. SBDS is required for normal levels of protein synthesis. It may play a role in cellular stress resistance and cellular response to DNA damage. It may also play a role in cell proliferation [taken from the Universal Protein Resource (UniProt) Q9Y3A5].

Gene ID: 51119

UniProt: [Q9Y3A5](#)

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

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 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.

Storage: 4 °C

Expiry Date: 12 months