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Datasheet for ABIN7468968

anti-SBDS antibody



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| Quantity: | 100 μL | |
|--------------|--|--|
| Target: | SBDS | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC) | |

Product Details

| Immunogen: | Full length human SBDS Recombinant protein. | |
|-------------------|---|--|
| Isotype: | IgG | |
| Specificity: | Knockdown/Knockout validation was supported by references (PMID:26990993) | |
| Cross-Reactivity: | Human, Mouse | |
| Purification: | Purified by antigen-affinity chromatography. | |
| Grade: | KO Validated | |

Target Details

| Target: | SBDS |
|---|---|
| Alternative Name: | SBDS ribosome maturation factor (SBDS Products) |
| Background: Synonyms: SBDS ribosome maturation factor , CGI-97 , SDS , SWDS | |

| | Background: This gene encodes a member of a highly conserved protein family that exists from | |
|---------------------|--|--|
| | archaea to vertebrates and plants. The encoded protein may function in RNA metabolism. | |
| | Mutations within this gene are associated with Shwachman-Bodian-Diamond syndrome. An | |
| | alternative transcript has been described, but its biological nature has not been determined. | |
| | This gene has a closely linked pseudogene that is distally located. [provided by RefSeq] | |
| Molecular Weight: | 29 kDa | |
| Gene ID: | 51119 | |
| UniProt: | Q9Y3A5 | |
| Pathways: | Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly | |
| Application Details | | |
| Application Notes: | WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations | |
| | should be determined by the researcher. Not tested in other applications. | |
| Comment: | Positive Control: H1299 , HeLa , HepG2 , Mouse liver Validation: KO/KD | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | 0.69 mg/mL | |
| Buffer: | 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal | |
| Preservative: | Thimerosal (Merthiolate) | |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE | |
| | which should be handled by trained staff only. | |
| Storage: | 4 °C,-20 °C | |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage | |
| | (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid | |
| | multiple freeze-thaw cycles. | |