

## Anti-NUP35 Antibody

Catalog Number: A08614

### About NUP35

SmarcAL1 (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin a-like 1) is also known as HARP, HepA Related Protein, HHARP, SMARCA like Protein 1 and SWI/SNF Related. SmarcAL1 is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein shows sequence similarity to the E. coli RNA polymerase-binding protein HepA. Mutations in this gene are a cause of Schimke immunoosseous dysplasia (SIOD), an autosomal recessive disorder with the diagnostic features of spondyloepiphyseal dysplasia, renal dysfunction, and T-cell immunodeficiency.

### Overview

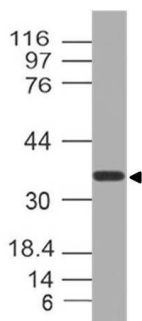
|                      |                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-NUP35 Antibody                                                                                                           |
| Reactive Species     | Human                                                                                                                         |
| Description          | Boster Bio Anti-NUP35 Antibody (Catalog# A08614). Tested in WB application(s). This antibody reacts with Human.               |
| Application          | WB                                                                                                                            |
| Clonality            | Polyclonal                                                                                                                    |
| Formulation          | 100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide.                                                             |
| Storage Instructions | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |
| Host                 | Rabbit                                                                                                                        |
| Uniprot ID           | Q8NFH5                                                                                                                        |

### Technical Details

|                            |                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------|
| Immunogen                  | A partial length recombinant NUP35 protein (amino acids 26-241)                                          |
| Predicted Reactive Species | Chimpanzee                                                                                               |
| Cross Reactivity           | No cross reactivity with other proteins.                                                                 |
| Isotype                    | Rabbit IgG                                                                                               |
| Form                       | Liquid                                                                                                   |
| Concentration              | 0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure. |

| Purification        | Protein A Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot: 1-2 µg/ml</p> |

## Anti-NUP35 Antibody (A08614) Images



Western blot analysis of NUP35. Anti-NUP35 antibody was used at 1  $\mu$ g/ml

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