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Datasheet for ABIN1700883  
**anti-CLP1 antibody (AA 1-100) (Biotin)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | CLP1   |
| Binding Specificity: | AA 1-100   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This CLP1 antibody is conjugated to Biotin   |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human HEAB |
| Isotype:              | IgG  |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Horse, Rabbit                    |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | CLP1   |
| Alternative Name: | HEAB ( <a href="#">CLP1 Products</a> )   |
| Background:       | Synonyms: ATP/GTP binding protein, CLP 1, clp1, CLP1 cleavage and polyadenylation factor I |

## Target Details

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subunit homolog, CLP1, cleavage and polyadenylation factor I subunit, homolog *S. cerevisiae*, CLP1, yeast, homolog of, CLP1\_HUMAN, hClp1, Homolog of yeast CFIA subunit Clp1p, Polynucleotide kinase Clp1, Pre mRNA cleavage complex II protein Clp1, Pre-mRNA cleavage complex II protein Clp1.

Background: HEAB is a 425 amino acid nuclear protein that belongs to the Clp1 family. Utilizing magnesium, manganese or nickel as cofactors, HEAB participates in the phosphorylation of the 5'-hydroxyl groups of double- and single- stranded RNA and DNA. HEAB is a member of the tRNA splicing endonuclease complex, in conjunction with TSEN2, TSEN15, TSEN34 and TSEN54, and is also a member of the pre-mRNA cleavage complex II. The gene encoding HEAB maps to human chromosome 11q12.1 and mouse chromosome 2 D, mutations to this gene may lead to a reduced pre-mRNA cleavage activity. HEAB exists as two isoforms due to alternative splicing events.

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Gene ID: 10978

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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## Handling

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Expiry Date: 12 months