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Datasheet for ABIN1714385 **anti-CLP1 antibody (AA 1-100)**

Overview

Quantity:	100 µL
Target:	CLP1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), 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 (CLP1 Products)

Target Details

Background:	<p>Synonyms: ATP/GTP binding protein, CLP 1, clp1, CLP1 cleavage and polyadenylation factor I 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.</p> <p>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.</p>
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Gene ID:	10978
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months