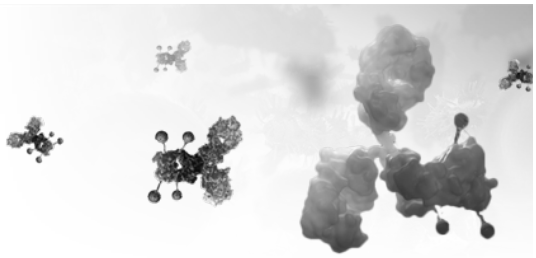

Mouse anti-Human CLP1 monoclonal antibody, clone 9E6 (CABT-B9992)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	HEAB (NP_006822, 316 a.a. ~ 426 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	9E6
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	AFNVKFSDVKIYKVGAPTIPDSCLPLGMSQEDNQLKLVPVTPGRDMVHHLLSVSTAEGTE ENLSETSVAGFIVVTSVDLEHQVFTVLSPAPRPLPKNFLLIMDIRFMDLK*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the Clp1 family. The encoded protein is a multifunctional kinase which is a component of the tRNA splicing endonuclease complex and a component of

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	the pre-mRNA cleavage complex II. This protein is implicated in tRNA, mRNA, and siRNA maturation. Mutations in this gene are associated with pontocerebellar hypoplasia type 10 (PCH10). Alternatively splice transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]
Keywords	CLP1; cleavage and polyadenylation factor I subunit 1; HEAB; hClp1; polyribonucleotide 5-hydroxyl-kinase Clp1; ATP/GTP-binding protein; polynucleotide kinase Clp1; polyadenylation factor Clp1; homolog of yeast CFIA subunit Clp1p; pre-mRNA cleavage complex II protein Clp1;

GENE INFORMATION

Entrez Gene ID	10978
UniProt ID	Q92989
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Processing of Capped Intronless Pre-mRNA, organism-specific biosystem; Processing of Intronless Pre-mRNAs, organism-specific biosystem
Function	ATP binding; ATP-dependent polydeoxyribonucleotide 5''-hydroxyl-kinase activity; ATP-dependent polyribonucleotide 5''-hydroxyl-kinase activity; kinase activity; nucleotide binding; polydeoxyribonucleotide kinase activity; transferase activity

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