

Rabbit anti-Human HEAB Polyclonal Antibody | anti-HEAB antibody

HEAB antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303417	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

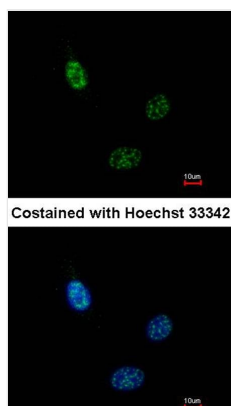
PRODUCT SYNONYMS

HEAB; Polyclonal Antibody; HEAB antibody; anti-HEAB antibody

PRODUCT SPECIFICATIONS

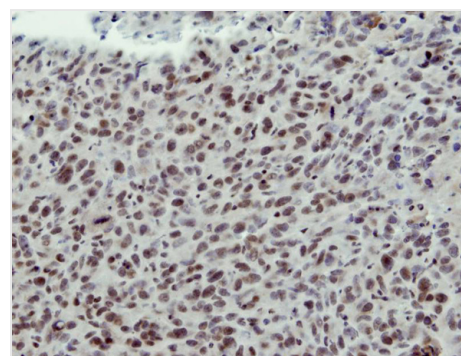
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	425
Applicable Applications for anti-HEAB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 142 and 341 of HEAB
Target Name	HEAB
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



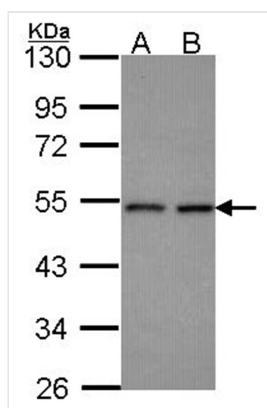
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using CLP1 antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded HS578T xenograft, using CLP1 antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: HeLa B: Hep G2 10% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-HEAB antibody

Polynucleotide kinase that can phosphorylate the 5'-hydroxyl groups of double-stranded RNA (dsRNA), single-stranded RNA (ssRNA), double stranded DNA (dsDNA) and double-stranded DNA:RNA hybrids. dsRNA is phosphorylated more efficiently than dsDNA, and the RNA component of a DNA:RNA hybrid is phosphorylated more efficiently than the DNA component. Appears to have roles in both tRNA splicing and mRNA 3'-end formation. Component of the tRNA splicing endonuclease complex. Phosphorylates the 5'-terminus of the tRNA 3'-exon during tRNA splicing; this phosphorylation event is a prerequisite for the subsequent ligation of the two exon halves and the production of a mature tRNA. Component of the pre-mRNA cleavage complex II (CF-II), which seems to be required for mRNA 3'-end formation. Also phosphorylates the 5'-terminus of exogenously introduced short interfering RNAs (siRNAs), which is a necessary prerequisite for their incorporation into the RNA-induced silencing complex (RISC). However endogenous siRNAs and microRNAs (miRNAs) that are produced by the cleavage of dsRNA precursors by DICER1 already contain a 5'-phosphate group, so this protein may be dispensable for normal RNA-mediated gene silencing.

Product Categories/Family for anti-HEAB antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12653353
NCBI GeneID	10978
Molecular Weight	40,696 Da
NCBI Official Full Name	CLP1, cleavage and polyadenylation factor I subunit, homolog (S. cerevisiae)
NCBI Official Synonym Full Names	cleavage and polyadenylation factor I subunit 1
NCBI Official Symbol	CLP1
NCBI Official Synonym Symbols	HEAB; hClp1
NCBI Protein Information	polyribonucleotide 5'-hydroxyl-kinase Clp1
UniProt Protein Name	Polyribonucleotide 5'-hydroxyl-kinase Clp1
UniProt Gene Name	CLP1
UniProt Entry Name	CLP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.