

HEAB Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant HEAB.****Catalog # AT2344a****Specification**

HEAB Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O92989
Other Accession	NM_006831
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	47646

HEAB Antibody (monoclonal) (M01) - Additional Information**Gene ID** 10978**Other Names**

Polyribonucleotide 5'-hydroxyl-kinase Clp1 {ECO:0000255|HAMAP-Rule:MF_03035}, 27178
{ECO:0000255|HAMAP-Rule:MF_03035}, Polyadenylation factor Clp1
{ECO:0000255|HAMAP-Rule:MF_03035}, Polynucleotide kinase Clp1
{ECO:0000255|HAMAP-Rule:MF_03035}, Pre-mRNA cleavage complex II protein Clp1
{ECO:0000255|HAMAP-Rule:MF_03035}, CLP1 {ECO:0000255|HAMAP-Rule:MF_03035}, HEAB

Target/Specificity

HEAB (NP_006822, 316 a.a. ~ 425 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

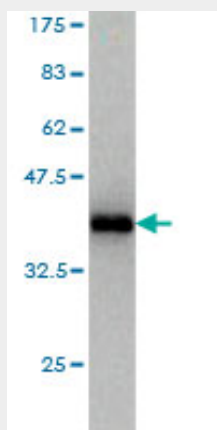
HEAB Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

HEAB Antibody (monoclonal) (M01) - Protocols

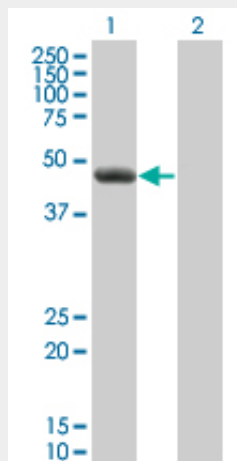
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HEAB Antibody (monoclonal) (M01) - Images



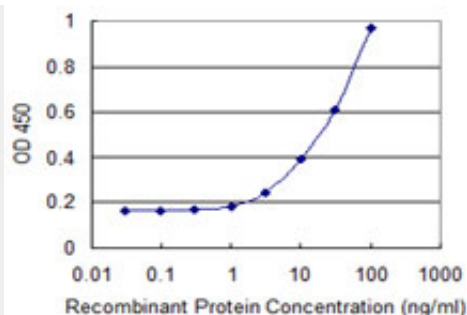
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



Western Blot analysis of HEAB expression in transfected 293T cell line by HEAB monoclonal antibody (M01), clone 8D5.

Lane 1: HEAB transfected lysate(47.946 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged CLP1 is 1 ng/ml as a capture antibody.

HEAB Antibody (monoclonal) (M01) - References

Human RNA 5'-kinase (hClp1) can function as a tRNA splicing enzyme in vivo. Ramirez A, et al. RNA, 2008 Sep. PMID 18648070. The human RNA kinase hClp1 is active on 3' transfer RNA exons and short interfering RNAs. Weitzer S, et al. Nature, 2007 May 10. PMID 17495927. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Identification of a human endonuclease complex reveals a link between tRNA splicing and pre-mRNA 3' end formation. Paushkin SV, et al. Cell, 2004 Apr 30. PMID 15109492.