10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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	Q92989
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

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.

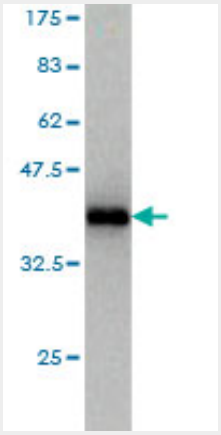
HEAB Antibody (monoclonal) (M01) - Protocols

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

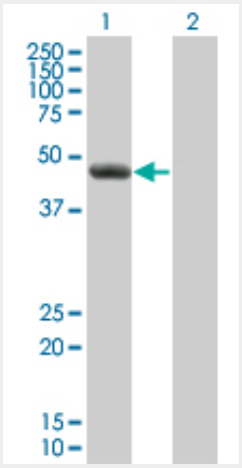
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HEAB Antibody (monoclonal) (M01) - Images



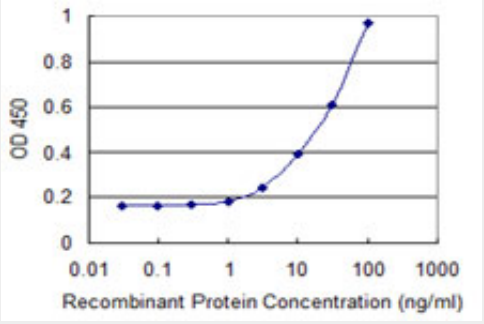
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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.