

CIAPIN1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CIAPIN1.

Catalog # AT1535a

Specification

CIAPIN1 Antibody (monoclonal) (M01) - Product Information

| | |
|-------------------|---------------------------|
| Application | WB, E |
| Primary Accession | Q6F181 |
| Other Accession | NM_020313 |
| Reactivity | Human, Mouse, Rat |
| Host | mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 Lambda |
| Calculated MW | 33582 |

CIAPIN1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 57019

Other Names

Anamorsin {ECO:0000255|HAMAP-Rule:MF_03115}, Cytokine-induced apoptosis inhibitor 1 {ECO:0000255|HAMAP-Rule:MF_03115}, Fe-S cluster assembly protein DRE2 homolog {ECO:0000255|HAMAP-Rule:MF_03115}, CIAPIN1 {ECO:0000255|HAMAP-Rule:MF_03115}

Target/Specificity

CIAPIN1 (NP_064709, 266 a.a. ~ 367 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

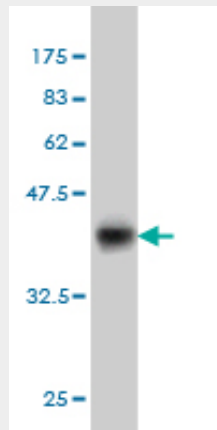
CIAPIN1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CIAPIN1 Antibody (monoclonal) (M01) - Protocols

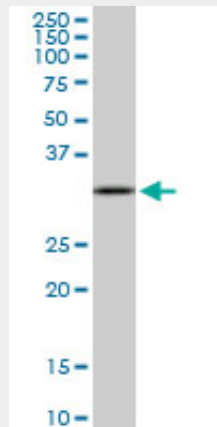
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

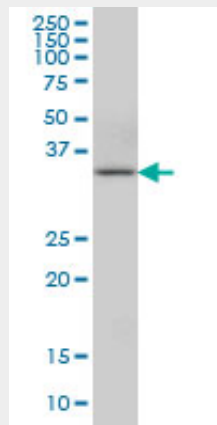
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CIAPIN1 Antibody (monoclonal) (M01) - Images

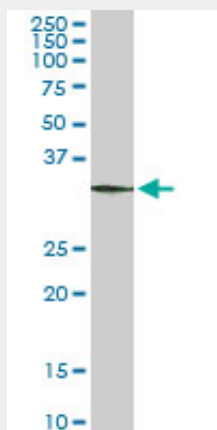
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.96 KDa) .



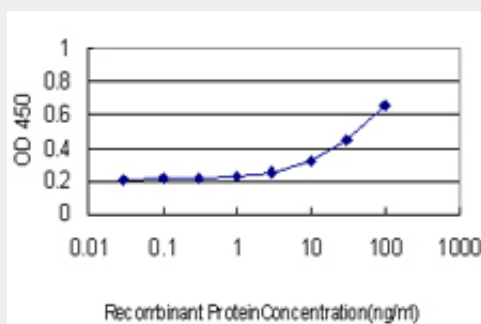
CIAPIN1 monoclonal antibody (M01), clone 5G8. Western Blot analysis of CIAPIN1 expression in PC-12 (Cat # AT1535a)



CIAPIN1 monoclonal antibody (M01), clone 5G8 Western Blot analysis of CIAPIN1 expression in HepG2 ((Cat # AT1535a)



CIAPIN1 monoclonal antibody (M01), clone 5G8. Western Blot analysis of CIAPIN1 expression in Raw 264.7((Cat # AT1535a)



Detection limit for recombinant GST tagged CIAPIN1 is approximately 1ng/ml as a capture antibody.

CIAPIN1 Antibody (monoclonal) (M01) - Background

CIAPIN1 is a cytokine-induced inhibitor of apoptosis with no relation to apoptosis regulatory molecules of the BCL2 (MIM 151430) or CASP (see MIM 147678) families. Expression of CIAPIN1 is dependent on growth factor stimulation (Shibayama et al., 2004 [PubMed 14970183]).

CIAPIN1 Antibody (monoclonal) (M01) - References

A newly identified essential complex, Dre2-Tah18, controls mitochondria integrity and cell death after oxidative stress in yeast. Vernis L, et al. PLoS One, 2009. PMID 19194512. CIAPIN1 inhibits the growth and proliferation of clear cell renal cell carcinoma. He L, et al. Cancer Lett, 2009 Apr 8. PMID 19081179. Dre2, a conserved eukaryotic Fe/S cluster protein, functions in cytosolic Fe/S protein biogenesis. Zhang Y, et al. Mol Cell Biol, 2008 Sep. PMID 18625724. [Reversal of multidrug resistance of gastric cancer cells by down-regulation of CIAPIN1 with CIAPIN1 siRNA] Li X, et al. Mol Biol (Mosk), 2008 Jan-Feb. PMID 18389626. Adenovirus-delivered CIAPIN1 small interfering RNA inhibits HCC growth in vitro and in vivo. Li X, et al. Carcinogenesis, 2008 Aug. PMID 18299278.