

CIAPIN1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CIAPIN1.

Catalog # AT1535a

Product Information

Application	WB, E
Primary Accession	Q6FI81
Other Accession	NM_020313
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Lambda
Clone Names	5G8
Calculated MW	33582

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

Background

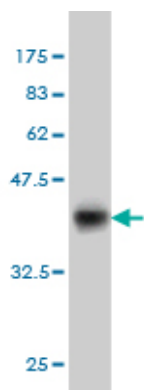
CIAPIN1 is a cytokine-induced inhibitor of apoptosis with no relation to apoptosis regulatory molecules of the BCL2 (MIM 151430) or CASP (see MIM 147678) families. Expression of CIAPIN1 is dependent on growth factor stimulation (Shibayama et al., 2004 [PubMed 14970183]).

References

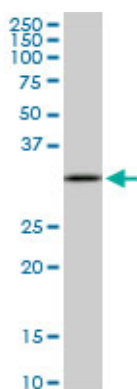
A newly identified essential complex, Dre2-Tah18, controls mitochondria integrity and cell death after

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.

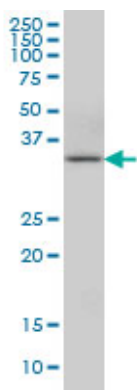
Images



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

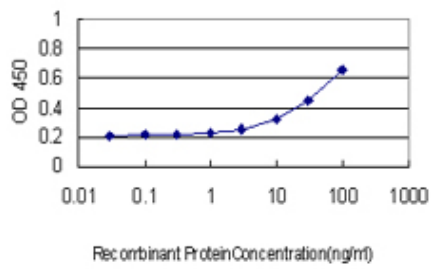
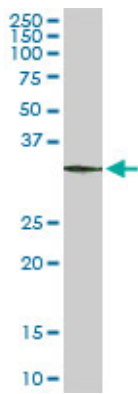


CIAPIN1 monoclonal antibody (M01), clone 5G8. Western Blot analysis of CIAPIN1 expression in PC-12 (Cat # AT1535a)



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.