

CHFR Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CHFR.

Catalog # AT1518a

Product Information

Application	WB, IHC, E
Primary Accession	Q96EP1
Other Accession	BC012072
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1H3-A12
Calculated MW	73386

Additional Information

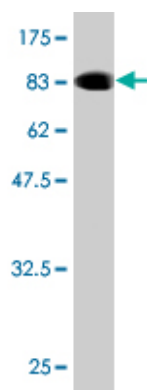
Gene ID	55743
Other Names	E3 ubiquitin-protein ligase CHFR, 632-, Checkpoint with forkhead and RING finger domains protein, RING finger protein 196, CHFR, RNF196
Target/Specificity	CHFR (AAH12072.1, 1 a.a. ~ 652 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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	CHFR Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

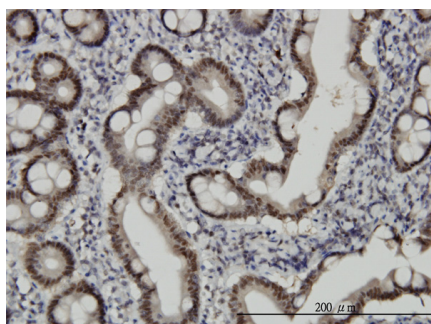
1.CHFR regulates the mitotic checkpoint by targeting PARP-1 for ubiquitination and degradation.Kashima L, Idogawa M, Mita H, Shitashige M, Yamada T, Ogi K, Suzuki H, Toyota M, Ariga H, Sasaki Y, Tokino T.J Biol Chem. 2012 Feb 15. [Epub ahead of print]2.Expression level of the mitotic checkpoint protein and G2-M cell cycle regulators and prognosis in gastrointestinal stromal tumors in the stomach.Fujita A, Yamamoto H, Imamura M, Nakamura N, Maehara Y, Tsuneyoshi M, Oda Y.Virchows Arch. 2011 Dec 22.3.Pathobiologic implications of methylation and expression status of Runx3 and CHFR genes in gastric cancer.Hu SL, Huang DB, Sun YB, Wu L, Xu WP, Yin S, Chen J, Jiang XD, Shen G.Med Oncol. 2011 Jun;28(2):447-54. Epub 2010 Mar 19.4.Mechanism and pathobiologic implications of CHFR promoter methylation in gastric carcinoma.Gao YJ, Xin Y, Zhang JJ, Zhou J.World J Gastroenterol. 2008 Aug 28;14(32):5000-7.5.Loss of CHFR in human mammary

epithelial cells causes genomic instability by disrupting the mitotic spindle assembly checkpoint.Privette LM, Weier JF, Nguyen HN, Yu X, Petty EM.Neoplasia. 2008 Jul;10(7):643-52.6.Altered Expression of the Early Mitotic Checkpoint Protein, CHFR, in Breast Cancers: Implications for Tumor Suppression.Privette LM, Gonzalez ME, Ding L, Kleer CG, Petty EM.Cancer Res. 2007 Jul 1;67(13):6064-74. Epub 2007 Jun 27.7.Molecular analysis of primary gastric cancer, corresponding xenografts, and 2 novel gastric carcinoma cell lines reveals novel alterations in gastric carcinogenesis.Milne AN, Sitarz R, Carvalho R, Polak MM, Ligtenberg M, Pauwels P, Offerhaus GJ, Weterman MA.Hum Pathol. 2007 Jun;38(6):903-13. Epub 2007 Mar 21.

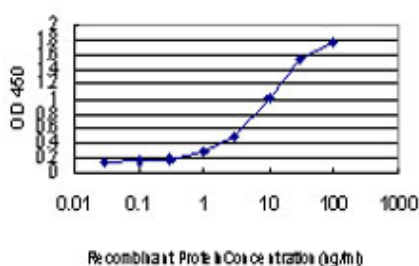
Images



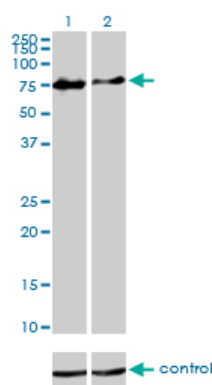
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (97.46 KDa) .



Immunoperoxidase of monoclonal antibody to CHFR on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 2 ug/ml]



Detection limit for recombinant GST tagged CHFR is approximately 0.1ng/ml as a capture antibody.



Western blot analysis of CHFR over-expressed 293 cell line, cotransfected with CHFR Validated Chimera RNAi (Cat # AT1518a)

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