

CNAP1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant CNAP1.****Catalog # AT1568a****Specification**

CNAP1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, IF, E
Primary Accession	Q15021
Other Accession	BC028182
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	157182

CNAP1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 9918**Other Names**

Condensin complex subunit 1, Chromosome condensation-related SMC-associated protein 1, Chromosome-associated protein D2, hCAP-D2, Non-SMC condensin I complex subunit D2, XCAP-D2 homolog, NCAPD2, CAPD2, CNAP1, KIAA0159

Target/Specificity

CNAP1 (AAH28182, 1240 a.a. ~ 1339 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

IF~~1:50~200

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

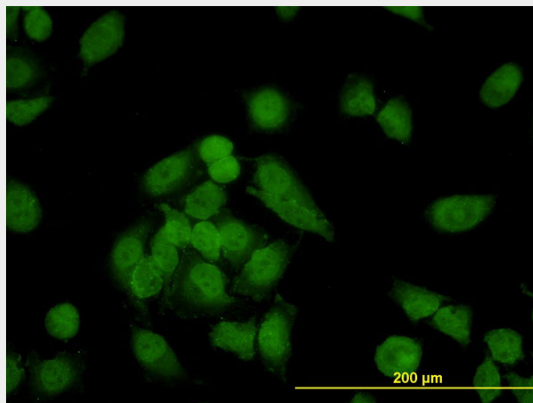
CNAP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CNAP1 Antibody (monoclonal) (M01) - Protocols

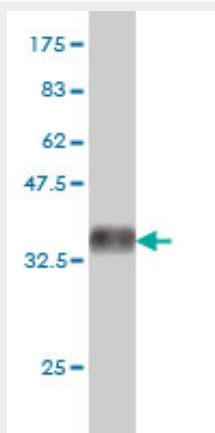
Provided below are standard protocols that you may find useful for product applications.

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

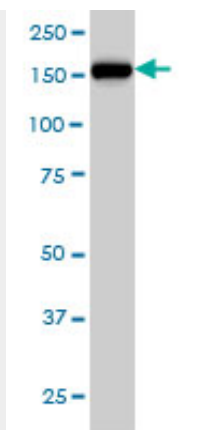
CNAP1 Antibody (monoclonal) (M01) - Images



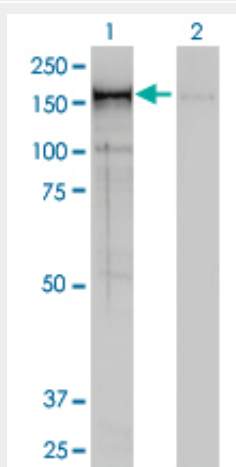
Immunofluorescence of monoclonal antibody to CNAP1 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



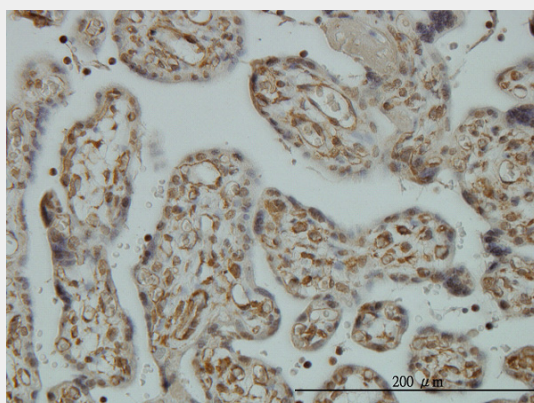
CNAP1 monoclonal antibody (M01), clone 4C12 Western Blot analysis of CNAP1 expression in HeLa (Cat # AT1568a)



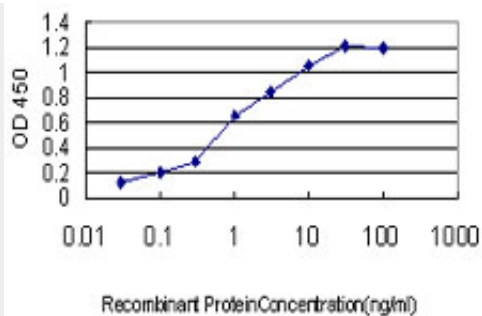
Western Blot analysis of CNAP1 expression in transfected 293T cell line by CNAP1 monoclonal antibody (M01), clone 4C12.

Lane 1: CNAP1 transfected lysate(157 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to CNAP1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged CNAP1 is approximately 0.1ng/ml as a capture antibody.

CNAP1 Antibody (monoclonal) (M01) - References

Centrosome-related genes, genetic variation, and risk of breast cancer. Olson JE, et al. Breast Cancer Res Treat, 2010 May 28. PMID 20508983. Further examination of the candidate genes in chromosome 12p13 locus for late-onset Alzheimer disease. Lee JH, et al. Neurogenetics, 2008 May. PMID 18340469. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243. Phosphoproteome analysis of the human mitotic spindle. Nousiainen M, et al. Proc Natl Acad Sci U S A, 2006 Apr 4. PMID 16565220.