

CGGBP1 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant CGGBP1.****Catalog # AT1509a****Specification**

CGGBP1 Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, IF, E
Primary Accession	O9UFW8
Other Accession	NM_003663
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	18820

CGGBP1 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 8545**Other Names**

CGG triplet repeat-binding protein 1, CGG-binding protein 1, 20 kDa CGG-binding protein, p20-CGGBP DNA-binding protein, CGGBP1, CGGBP

Target/Specificity

CGGBP1 (NP_003654, 58 a.a. ~ 167 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

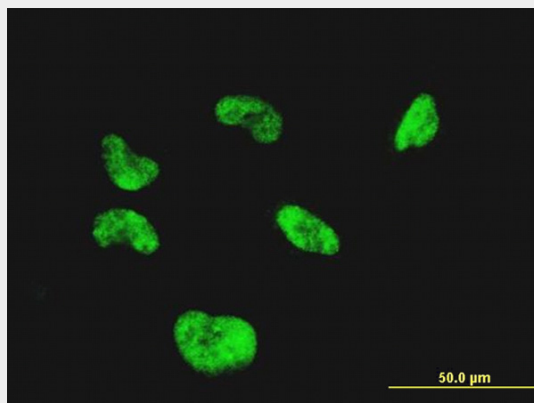
CGGBP1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

CGGBP1 Antibody (monoclonal) (M02) - Protocols

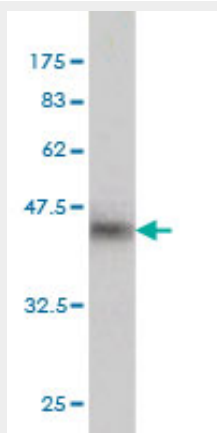
Provided below are standard protocols that you may find useful for product applications.

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

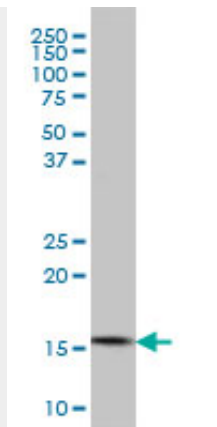
CGGBP1 Antibody (monoclonal) (M02) - Images



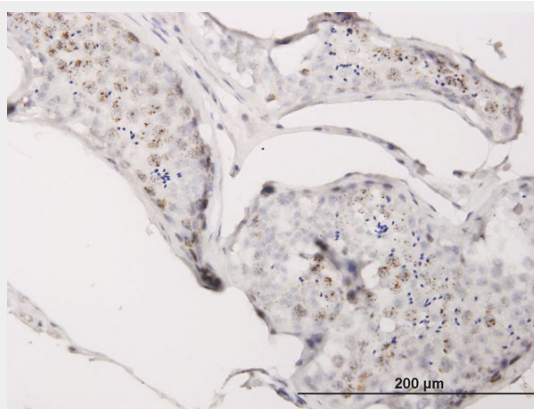
Immunofluorescence of monoclonal antibody to CGGBP1 on HeLa cell. [antibody concentration 10 ug/ml]



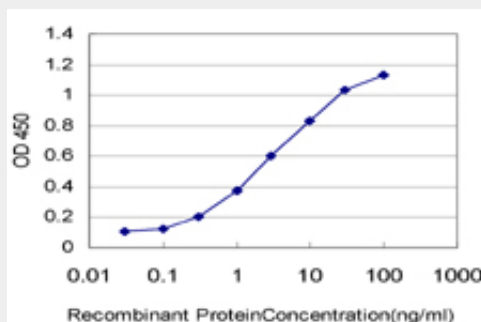
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



CGGBP1 monoclonal antibody (M02), clone 1D11 Western Blot analysis of CGGBP1 expression in K-562 (Cat # AT1509a)



Immunoperoxidase of monoclonal antibody to CGGBP1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]



Detection limit for recombinant GST tagged CGGBP1 is approximately 0.03ng/ml as a capture antibody.

CGGBP1 Antibody (monoclonal) (M02) - Background

CGGBP1 influences expression of the FMR1 gene (MIM 309550), which is associated with the fragile X mental retardation syndrome (MIM 300624), by specifically interacting with the 5-prime (CGG)_n-3-prime repeat in its 5-prime UTR.

CGGBP1 Antibody (monoclonal) (M02) - References

[The role of ZF5 and CGGBP-20 transcription factors in expression regulation of human FMR1 gene responsible for X-fragile syndrome] Guly? PV, et al. Tsitologiia, 2009. PMID 20141036. Fragile X gene stability in Basque Valleys: prevalence of premutation and intermediate alleles. Arrieta I, et al. Hum

Biol, 2008 Dec. PMID 19728537. The LIFEdb database in 2006. Mehrle A, et al. Nucleic Acids Res, 2006 Jan 1. PMID 16381901. A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070. From ORFeome to biology: a functional genomics pipeline. Wiemann S, et al. Genome Res, 2004 Oct. PMID 15489336.