

CGGBP1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18438b**Specification**

CGGBP1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9UFW8](#)

CGGBP1 Antibody (C-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CGGBP1 Antibody (C-term) Blocking Peptide - Protein Information

Name CGGBP1

Synonyms CGGBP

Function

Binds to nonmethylated 5'-d(CGG)(n)-3' trinucleotide repeats in the FMR1 promoter. May play a role in regulating FMR1 promoter.

Cellular Location

Nucleus.

Tissue Location

Ubiquitous. Highly expressed in placenta, thymus, lymph nodes, cerebellum and cerebral cortex. Low expression in other regions of the brain.

CGGBP1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CGGBP1 Antibody (C-term) Blocking Peptide - Images

CGGBP1 Antibody (C-term) Blocking Peptide - Background

CGGBP1 influences expression of the FMR1 gene (MIM309550), which is associated with the fragile X mental retardationsyndrome (MIM 300624), by specifically interacting with the 5-prime(CGG)n-3-prime repeat in its 5-prime UTR.

CGGBP1 Antibody (C-term) Blocking Peptide - References

Gulyi, P.V., et al. Tsitologii 51(12):1005-1012(2009)Arrieta, I., et al. Hum. Biol. 80(6):593-600(2008)Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Naumann, F., et al. Genomics 83(1):106-118(2004)Chen, L.S., et al. Hum. Mol. Genet. 12(23):3067-3074(2003)