

AFF2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18150c**Specification**

AFF2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P51816](#)

AFF2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 2334

Other Names

AF4/FMR2 family member 2, Fragile X E mental retardation syndrome protein, Fragile X mental retardation 2 protein, FMR2P, Protein FMR-2, Protein Ox19, AFF2, FMR2, OX19

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.

AFF2 Antibody (Center) Blocking Peptide - Protein Information

Name AFF2 ([HGNC:3776](#))

Synonyms FMR2, OX19

Function

RNA-binding protein. Might be involved in alternative splicing regulation through an interaction with G-quartet RNA structure.

Cellular Location

Nucleus speckle. Note=When splicing is inhibited, accumulates in enlarged speckles

Tissue Location

Brain (most abundant in hippocampus and amygdala), placenta and lung

AFF2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

AFF2 Antibody (Center) Blocking Peptide - Images

AFF2 Antibody (Center) Blocking Peptide - Background

This gene encodes a putative transcriptional activator that is a member of the AF4/FMR2 gene family. This gene is associated with the folate-sensitive fragile X E locus on chromosome X. A repeat polymorphism in the fragile X E locus results in silencing of this gene causing Fragile X E syndrome. Fragile X E syndrome is a form of nonsyndromic X-linked mental retardation. Alternate splicing results in multiple transcript variants.

AFF2 Antibody (Center) Blocking Peptide - References

Bensaid, M., et al. Nucleic Acids Res. 37(4):1269-1279(2009) Brylawski, B.P., et al. Exp. Mol. Pathol. 82(2):190-196(2007) Sharma, D., et al. Genet. Epidemiol. 20(1):129-144(2001) Hillman, M.A., et al. J. Hum. Genet. 46(5):251-259(2001) Musumeci, S.A., et al. Clin Neurophysiol 111(9):1632-1636(2000)