



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

Synonyms FMR2, OX19

Function

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

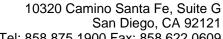
Cellular Location

AFF2 Antibody (Center) Blocking Peptide - Background

This gene encodes a putative transcriptional activatorthat is a member of the AF4FMR2 gene family. This gene isassociated with the folate-sensitive fragile X E locus onchromosome X. A repeat polymorphism in the fragile X E locusresults in silencing of this gene causing Fragile X E syndrome.Fragile X E syndrome is a form of nonsyndromic X-linked mentalretardation. Alternate splicing results in multiple transcriptvariants.

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)





Tel: 858.875.1900 Fax: 858.622.0609

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