

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 NamesAF4/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

FunctionRNA-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 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)

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](#)