antibodies -online.com





Datasheet for ABIN1392841 anti-AFF2 antibody (AA 1-80) (Biotin)

Go to Product page

| () | ۱ ۱ | \cap | r | /1 | \cap | ۱ ۸ | 1 |
|-----|-----|--------|----|----|--------|-----|---|
| 0 | 'V | ㄷ | I١ | νı | \Box | V | ۷ |

| Quantity: | 100 μL | |
|----------------------|---|--|
| Target: | AFF2 | |
| Binding Specificity: | AA 1-80 | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This AFF2 antibody is conjugated to Biotin | |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) | |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human AFF2 | |
|-----------------------|--|--|
| Isotype: | IgG | |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Pig,Horse | |
| Purification: | Purified by Protein A. | |

Target Details

| Target: | AFF2 |
|-------------------|--|
| Alternative Name: | FMR2/AFF2 (AFF2 Products) |
| Background: | Synonyms: AF4/FMR2 family member 2, AF4/FMR2 family, member 2, AFF2, AFF2_HUMAN, |

FMR2, FMR2P, Fragile X E mental retardation syndrome protein, fragile X mental retardation 2, Fragile X mental retardation 2 protein, fragile X mental retardation gene associated with FRAXE, FRAXE, mild or borderline mental retardation, MRX2, OX19, Protein FMR-2, Protein Ox19.

Background: FMR2 is a 1311 amino acid nuclear protein belonging to the AF4 family. Expressed in the brain, placenta and lung, FMR2 exists as two isoforms produced by alternative splicing.

Defects in the gene that encodes FMR2 have been found to be a cause of FRAXE, an X-linked form of mental retardation. Individuals expressing the FRAXE site also have more than two-hundred copies of a GCC repeat adjacent to CpG island, compared to six to thirty-five copies of the GCC repeat in a normal individual. It is believed that loss of FMR2 expression causes this GCC expansion of the FRAXE site.

Application Details

| Application Notes: | WB 1:300-5000 |
|--------------------|-----------------|
| | IHC-P 1:200-400 |
| | IHC-F 1:100-500 |

For Research Use only

Handling

Restrictions:

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |