

# FMN2 Rabbit pAb

FMN2 Rabbit pAb  
Catalog # AP58745

## Product Information

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| <b>Application</b>                      | IHC-P, IHC-F, IF   |
| <b>Reactivity</b>                       | Rat  |
| <b>Predicted</b>                        | Human, Mouse, Chicken, Dog, Rabbit   |
| <b>Host</b>                             | Rabbit   |
| <b>Clonality</b>                        | Polyclonal   |
| <b>Calculated MW</b>                    | 189 KDa  |
| <b>Physical State</b>                   | Liquid   |
| <b>Immunogen</b>                        | KLH conjugated synthetic peptide derived from human FMN2   |
| <b>Epitope Specificity</b>              | 401-500/1722   |
| <b>Isotype</b>                          | IgG  |
| <b>Purity</b>                           | affinity purified by Protein A   |
| <b>Buffer</b>                           | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  |
| <b>SUBCELLULAR LOCATION</b>             | Expressed almost exclusively in the developing and mature central nervous system.  |
| <b>SIMILARITY</b>                       | Belongs to the formin homology family. Cappuccino subfamily. Contains 1 FH1 (formin homology 1) domain. Contains 1 FH2 (formin homology 2) domain. Phosphorylated upon DNA damage, probably by ATM or ATR.   |
| <b>Post-translational modifications</b> |  |
| <b>Important Note</b>                   | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.  |
| <b>Background Descriptions</b>          | FMN2 is a member of the formin homology family, Cappuccino subfamily. Formin homology (FH) domain proteins play a role in cytoskeletal organization and/or establishment of cell polarity. In mice, FMN2 has been shown to be a maternal effect gene that is expressed in oocytes and is required for progression through metaphase of meiosis I. FMN2 is expressed in the developing and mature central nervous system. |

## Additional Information

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| <b>Other Names</b> | Formin-2, FMN2  |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500  |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Background

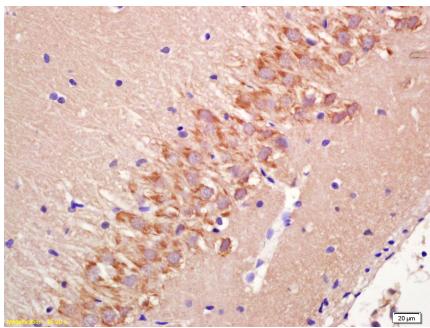
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FMN2 is a member of the formin homology family, Cappuccino subfamily. Formin homology (FH) domain

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## Images

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Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-FMN2 Polyclonal Antibody, Unconjugated(AP58745) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.