

FMN2 Rabbit pAb

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Catalog # AP58745

Product Information

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| Application | IHC-P, IHC-F, IF |
| Reactivity | Rat |
| Predicted | Human, Mouse, Chicken, Dog, Rabbit |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 189 KDa |
| Physical State | Liquid |
| Immunogen | KLH conjugated synthetic peptide derived from human FMN2 |
| Epitope Specificity | 401-500/1722 |
| Isotype | IgG |
| Purity | affinity purified by Protein A |
| Buffer | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| SUBCELLULAR LOCATION | Expressed almost exclusively in the developing and mature central nervous system. |
| SIMILARITY | Belongs to the formin homology family. Cappuccino subfamily. Contains 1 FH1 (formin homology 1) domain. Contains 1 FH2 (formin homology 2) domain. |
| Post-translational modifications | Phosphorylated upon DNA damage, probably by ATM or ATR. |
| Important Note | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| Background Descriptions | 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

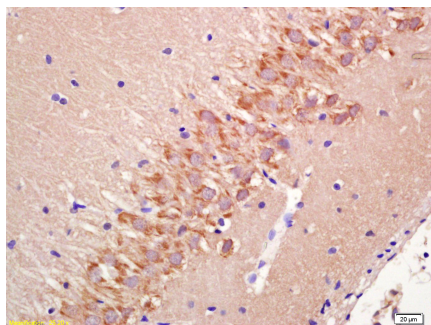
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|--------------------|---|
| Other Names | Formin-2, FMN2 |
| Dilution | IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500 |
| Storage | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or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

Background

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Images



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'.