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Datasheet for ABIN5008662
anti-PEN2 antibody (AA 6-80) (Alexa Fluor 750)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | PEN2 (PSENEN) |
| Binding Specificity: | AA 6-80 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PEN2 antibody is conjugated to Alexa Fluor 750 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human PEN2 |
| Isotype: | IgG |
| Specificity: | Belongs to the PEN-2 family |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|---------|---------------|
| Target: | PEN2 (PSENEN) |
|---------|---------------|

Target Details

Alternative Name: [PEN2 \(PSENEEN Products\)](#)

Background: Synonyms: PEN2, PEN-2, MDS033, MSTP064, Gamma-secretase subunit PEN-2, Presenilin enhancer protein 2, PSENEEN
Background: Essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein). Probably represents the last step of maturation of gamma-secretase, facilitating endoproteolysis of presenilin and conferring gamma-secretase activity.

Gene ID: 55851

UniProt: [Q9NZ42](#)

Pathways: [Notch Signaling](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months