



[Go to Product page](#)

Datasheet for ABIN1397396

## anti-PEN2 antibody (AA 6-80) (AbBy Fluor® 647)

### 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 AbBy Fluor® 647
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)
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## Target Details

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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

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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

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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