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Datasheet for ABIN1397395  
**anti-PEN2 antibody (AA 6-80) (Alexa Fluor 555)**

### 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 555
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 ( <a href="#">PSENEEN Products</a> )
Background:	<p>Synonyms: PEN2, PEN-2, MDS033, MSTP064, Gamma-secretase subunit PEN-2, Presenilin enhancer protein 2, PSENEEN</p> <p>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.</p>
Gene ID:	55851
UniProt:	<a href="#">Q9NZ42</a>
Pathways:	<a href="#">Notch Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a>

## 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