

## Presenilin 2 antibody [APS 21]

## Cat. No. GTX15548

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, ELISA, IHC
Reactivity	Human, Mouse, Rat, Primate

## Package

200 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:100-1:1000
ICC/IF	0.75 µg/ml
IHC-P	1:100
ELISA	4.5 µg/ml
IHC	Assay dependent

Not tested in other applications.

## Calculated MW

50 kDa. ( [Note](#) )

## Product Note

No cross-reactivity is seen with presenilin 1. This antibody detects an ~28 kDa protein representing PS2 NT (N-terminus fragment) and the ~46 kDa full-length PS2 from transfected COS-7 cells.

## Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to residues C(31) Q E G R Q G P E D G E N T A(45) of human PS2.
Purification	Protein G purified
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

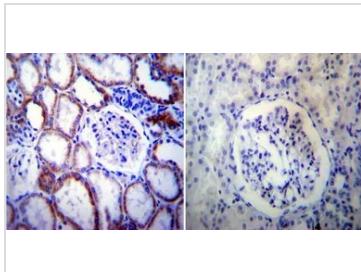
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

**GTX15548 IHC-P Image**

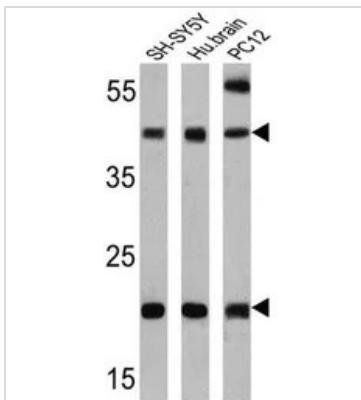
IHC-P analysis of human kidney tissue using GTX15548 Presenilin 2 antibody [APS 21].

Left : Primary antibody

Right : Negative control without primary antibody

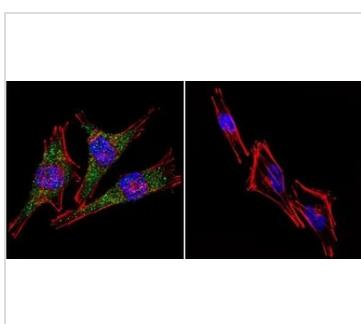
Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:100

**GTX15548 WB Image**

WB analysis of 25 ug of SH-SY5Y (lane 1), human brain (lane 2) and PC12 (lane 3) using GTX15548 Presenilin 2 antibody [APS 21].

Dilution : 1:200

**GTX15548 ICC/IF Image**

ICC/IF analysis of A2058 Cells using GTX15548 Presenilin 2 antibody [APS 21]. Cells were probed without (right) or with(left) an antibody.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:100 overnight at 4 °C



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