

## Presenilin 2 antibody [APS 21]

Cat. No. GTX15548

|                     |                               |
|---------------------|-------------------------------|
| <b>Host</b>         | Mouse                         |
| <b>Clonality</b>    | Monoclonal                    |
| <b>Isotype</b>      | IgG1                          |
| <b>Applications</b> | WB, ICC/IF, IHC-P, ELISA, IHC |
| <b>Reactivity</b>   | 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

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 0.1% BSA  |
| <b>Preservative</b>  | 0.05% Sodium azide   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | 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.  |
| <b>Purification</b>  | Protein G purified   |
| <b>Conjugation</b>   | Unconjugated   |

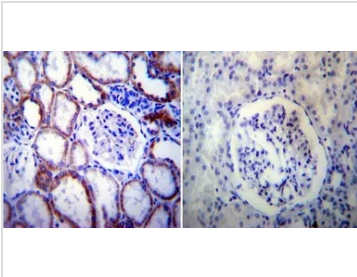


For full product information, images and publications, please visit our [website](#).

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**

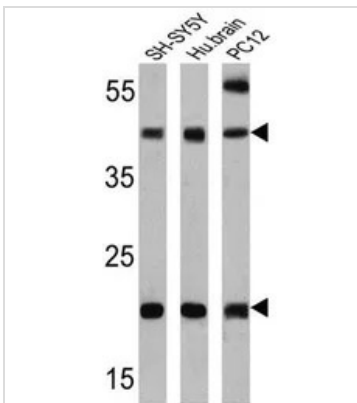
IHC-P analysis of human kidney tissue using GTx15548 Presenilin 2 antibody [APS 21].

Left : Primary antibody

Right : Negative control without primary antibody

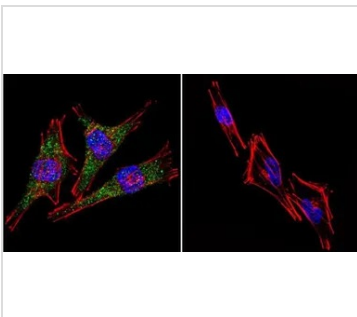
Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

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



For full product information, images and publications, please visit our [website](https://www.genetex.com).