

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

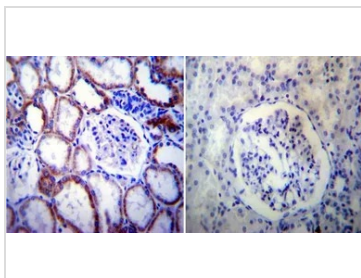


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Note

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

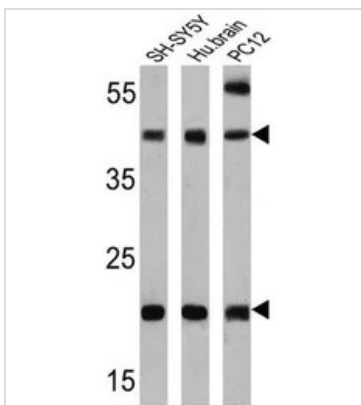
IHC-P analysis of human kidney tissue using GTx15548 Presenilin 2 antibody [APS 21].

Left : Primary antibody

Right : Negative control without primary antibody

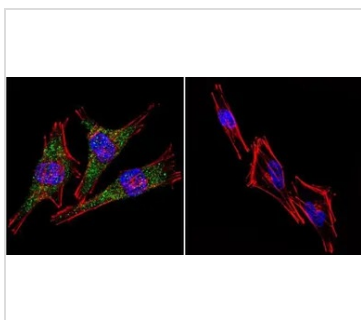
Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

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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