

Datasheet for ABIN3032302
anti-Presenilin 2 antibody (N-Term)

6 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Presenilin 2 (PSEN2)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Presenilin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human Presenilin 2(EDGENTAQWRSQE) was used as the immunogen for this Presenilin 2 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Presenilin 2 (PSEN2)
Alternative Name:	Presenilin 2 (PSEN2 Products)
Background:	Presenilin-2 is a protein that in humans is encoded by the PSEN2 gene. Kovacs et al.(1996) demonstrated that the expression patterns of PS1 and PS2 in the brain are extremely similar to

Target Details

each other and that messages for both are primarily detectable in neuronal populations. Immunochemical analyses indicated that PS1 and PS2 are similar in size and localize to similar intracellular compartments(endoplasmic reticulum and Golgi complex). Li et al.(1997) demonstrated that wildtype PS1 and PS2 are localized to the nuclear membrane, its associated interphase kinetochores, and the centrosomes. In melanocytic cells PSEN2 gene expression may be regulated by MITF.

UniProt: [P49810](#)

Pathways: [Notch Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Presenilin 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,IHC (Frozen): 0.5-1 µg/mL

Restrictions: For Research Use only

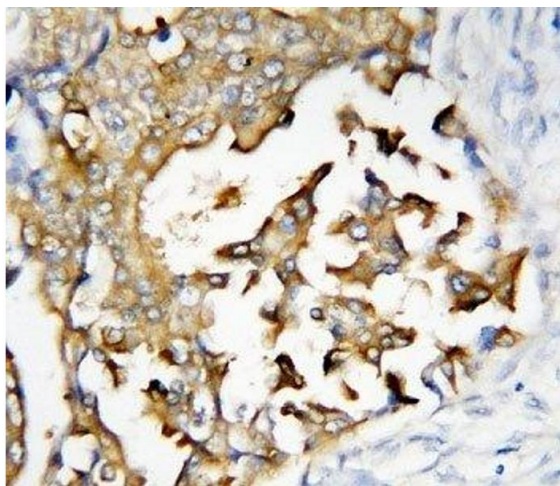
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

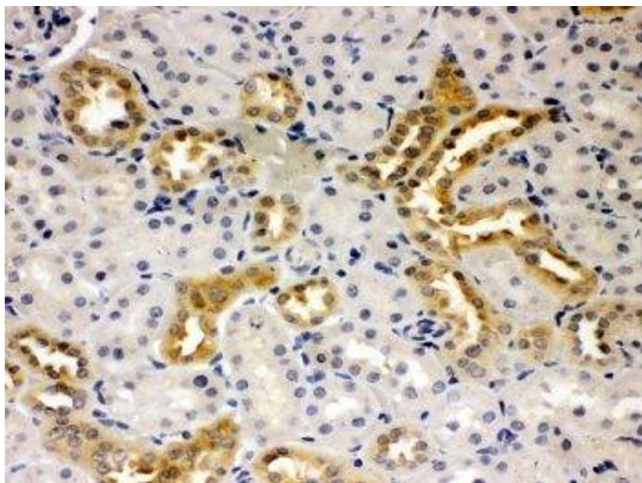
Storage Comment: After reconstitution, the Presenilin 2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



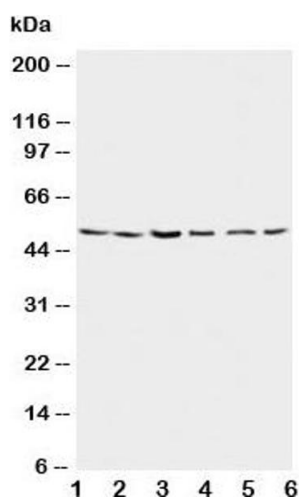
Immunohistochemistry

Image 1. IHC-P: Presenilin 2 antibody testing of human breast cancer tissue



Immunohistochemistry

Image 2. IHC-P: Presenilin 2 antibody testing of rat kidney tissue



Western Blotting

Image 3. Western blot testing of Presenilin 2 antibody and
Lane 1: rat brain; 2: rat brain; 3: MCF-7; 4: HeLa; 5: SMMC-7721; 6: CEM

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3032302.