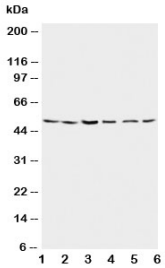
Presenilin 2 Antibody / PSEN2 (R30425)

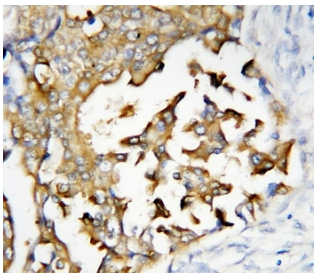
Catalog No.	Formulation	Size
R30425	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

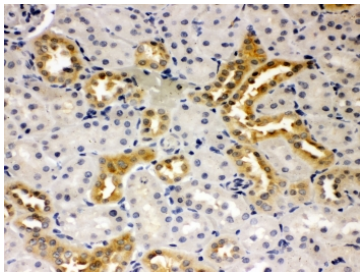
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P49810
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml IHC (Frozen): 0.5-1ug/ml
Limitations	This Presenilin 2 antibody is available for research use only.



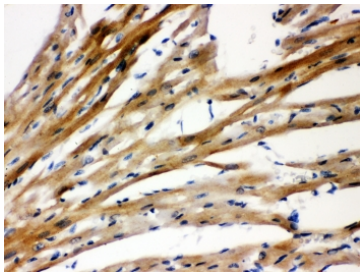
Western blot testing of Presenilin 2 antibody and Lane 1: rat brain; 2: rat brain; 3: MCF-7; 4: HeLa; 5: SMMC-7721; 6: CEM lysate. Predicted/observed molecular weight: ~50kDa.



IHC-P: Presenilin 2 antibody testing of human breast cancer tissue. HIER: steamed with pH6 citrate buffer.



IHC-P: Presenilin 2 antibody testing of rat kidney tissue. HIER: steamed with pH6 citrate buffer.



IHC-P: Presenilin 2 antibody testing of rat heart tissue. HIER: steamed with pH6 citrate buffer.

Description

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 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.

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.

Immunogen

An amino acid sequence from the N-terminus of human Presenilin 2 (EDGENTAQWRSQE) was used as the immunogen for this Presenilin 2 antibody.

Storage

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

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