

Product Datasheet

Presenilin-2 Antibody (APS 21)

NB100-74512

Unit Size: 200ug

Store at -20C. Avoid freeze-thaw cycles.

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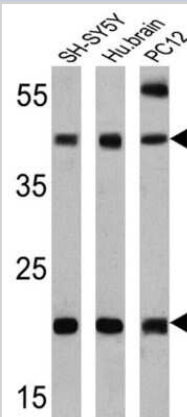
NB100-74512**Presenilin-2 Antibody (APS 21)**

Product Information	
Unit Size	200ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	APS 21
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS with 1 mg/ml BSA
Product Description	
Host	Mouse
Gene ID	5664
Gene Symbol	PSEN2
Species	Human, Mouse, Rat, Primate
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Presenilin 2 (APS 21)
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.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100 - 1:1000, ELISA 4.5 ug/ml, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 0.75 ug/ml, Immunohistochemistry-Paraffin 1:100
Application Notes	WB: Detects an approx. 28 kDa protein representing PS2 NT (N-terminus fragment) and approx. 46 kDa full-length PS2 from transfected COS-7 cells. In 4% paraformaldehyde fixed COS-7 cells transfected with hPS2, NB100-74512 showed specific Golgi, nuclear envelope, and ER labeling.

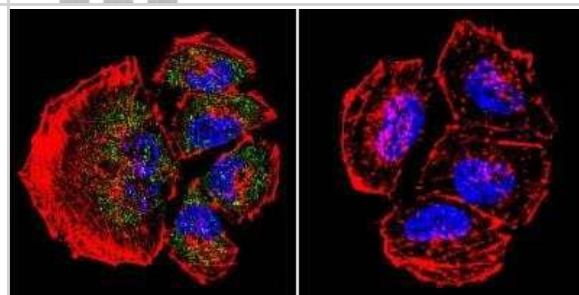


Images

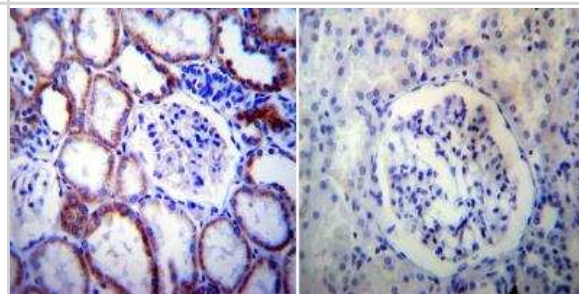
Western Blot: Presenilin-2 Antibody (APS 21) [NB100-74512] - Analysis of 25 ug of SH-SY5Y (lane 1), human brain (lane 2) and PC12 (lane 3).



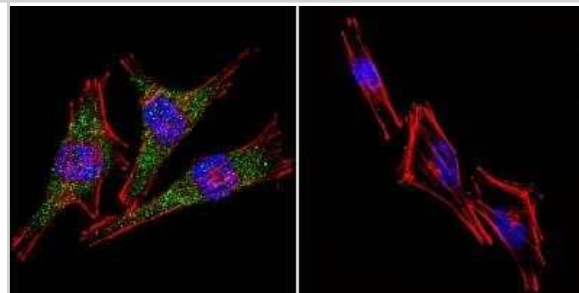
Immunocytochemistry/Immunofluorescence: Presenilin-2 Antibody (APS 21) [NB100-74512] - Presenilin-2 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Presenilin 2 at a dilution of 1:100 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated.



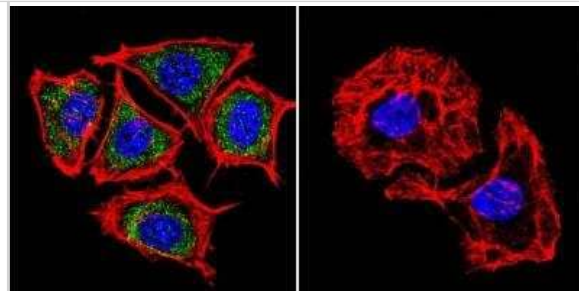
Immunohistochemistry-Paraffin: Presenilin-2 Antibody (APS 21) [NB100-74512] - Normal biopsies of deparaffinized Human kidney tissue.



Immunocytochemistry/Immunofluorescence: Presenilin-2 Antibody (APS 21) [NB100-74512] - Presenilin 2 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Presenilin-2 at a dilution of 1:100 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated.



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Products Related to NB100-74512

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005664-Q01-10ug	Recombinant Human Presenilin-2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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