

Product Datasheet

Abeta 42 Antibody (12F4) NBP2-12924

Unit Size: 0.2 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-12924

Abeta 42 Antibody (12F4)

Product Information	
Unit Size	0.2 ml
Concentration	0.5 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	12F4
Preservative	No Preservative
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	351
Gene Symbol	APP
Species	Human, Mouse
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	12F4 is reactive to the c-terminus of beta amyloid and is specific for the isoform ending at the 42nd amino acid
Immunogen	12F4 is reactive to the c-terminus of beta amyloid and is specific for the isoform ending at the 42nd amino acid.
Notes	Do not store antibody diluted below 50 ug/mL in the absence of protein (i.e.: add 2% bovine serum albumin). It is suggested that the total volume is aliquoted upon initial thaw.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:1000, ELISA 1:10000-1:1000000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:2000, Immunofluorescence 1:1000
Application Notes	This antibody has been reported in the scientific literature to work in Immunofluorescence (PMID: 23316765) For IHC-Paraffin it is recommended the sections be pretreated with formic acid (70%) for 10-30 minutes and the primary antibody be incubated overnight at 4C.

Publications

Park SE, Lee J, Chang EH et al. Activin A secreted by human mesenchymal stem cells induces neuronal development and neurite outgrowth in an in vitro model of Alzheimer's disease: neurogenesis induced by MSCs via activin A. Arch. Pharm. Res. Aug 1 2016 12:00AM [PMID: 27515053] (WB, ELISA, Human)





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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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