

Product Datasheet

Tau [p Thr231] Antibody (PHF-6) NBP2-29676

Unit Size: 0.1 ml

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

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NBP2-29676

Tau [p Thr231] Antibody (PHF-6)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PHF-6
Preservative	No Preservative
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Product Description	
Host	Mouse
Gene ID	4137
Gene Symbol	MAPT
Species	Human
Marker	pan-Neuronal Marker
Specificity/Sensitivity	Reacts with human Tau phosphorylated at threonine 231 and fetal tau. The antibody also reacts with dephosphorylated neurofibrillary tangles. MAB5450 is reactive with the Thr231 phosphorylated and diphosphorylated peptides. No reactivity with normal adult tau or with unphosphorylated or serine 235 phosphorylated protein.
Immunogen	Paired helical filaments tau preparation from human brain.
Notes	Relevant Entrez Gene Numbers: NM_005910.3;NM_016834.2;NM_016835.2;NM_016841.2
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA 1:100-1:2000
Application Notes	Western Blot: non-phosphate buffers recommended. Specific for phospho-tau however highly phosphorylated blocking materials like non-fat milk can sometimes cause difficulties, thus we generally recommend blocking western Blots with TBS-1-2% BSA solutions (filtered through a 0.45um membrane) for better results. Immunohistochemistry: fresh frozen tissues with Tris-NaCl-Triton treatment { http://www.jhc.org/cgi/content/full/48/12/1627 } & http://ajp.amjpathol.org/cgi/content/full/160/6/2045





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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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