

Datasheet for ABIN388782
anti-tau antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	tau
Binding Specificity:	AA 677-707, C-Term
Reactivity:	Human, Mouse, Rat, Cynomolgus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This tau antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TAU antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 677-707 amino acids from the C-terminal region of human TAU.
Clone:	RB2883
Isotype:	IgG
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	tau
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Target Details

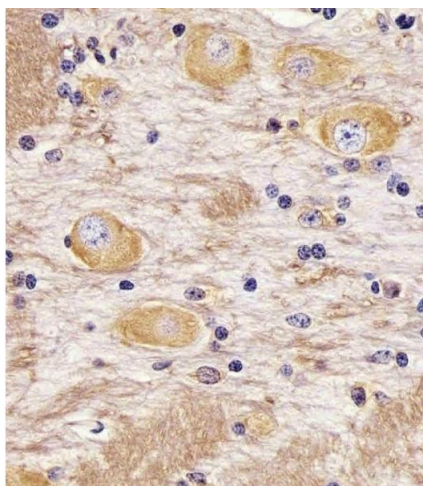
Alternative Name:	tau (tau Products)
Background:	The microtubule-associated protein tau (MAPT) gene transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type. MAPT gene mutations result in several neurodegenerative disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy.
Molecular Weight:	78928
Gene ID:	4137
NCBI Accession:	NP_001116538 , NP_001116539 , NP_001190181 , NP_005901 , NP_058518 , NP_058519 , NP_058525
UniProt:	P10636

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:2000. IHC-P: 1:25
Restrictions:	For Research Use only

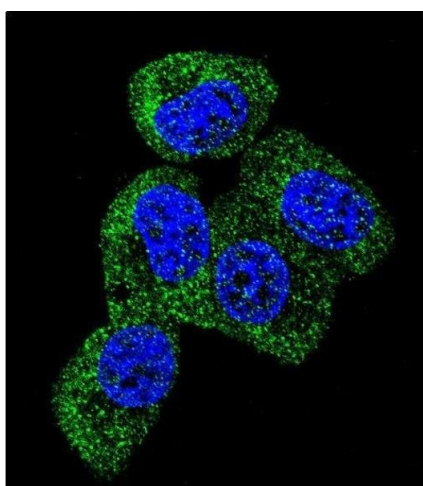
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



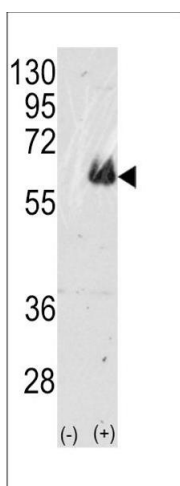
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN388782 and ABIN2839114) staining TAU in Cynomolgus Monkey brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of TAU Antibody (C-term) (ABIN388782 and ABIN2839114) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. Western blot analysis of TAU (arrow) using rabbit polyclonal TAU Antibody (ABIN388782 and ABIN2839114). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the TAU gene (Lane 2) (Origene Technologies).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN388782.