antibodies

Datasheet for ABIN2725488 MAPT Protein (Transcript Variant 4) (Myc-DYKDDDDK Tag)



Overview

Image

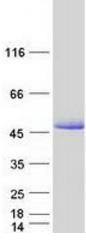
Overview	
Quantity:	20 µg
Target:	MAPT
Protein Characteristics:	Transcript Variant 4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPT protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human MAPT / TAU (transcript variant 4) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	MAPT
Alternative Name:	Mapt,tau (MAPT Products)
Background:	This gene encodes the microtubule-associated protein tau (MAPT) whose 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 have been associated with several neurodegenerative

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Target Details	
	disorders such as Alzheimer&aposs disease, Pick&aposs disease, frontotemporal dementia,
	cortico-basal degeneration and progressive supranuclear palsy.
Molecular Weight:	36.6 kDa
NCBI Accession:	NP_058525
Pathways:	MAPK Signaling, Microtubule Dynamics, M Phase, Regulation of Cell Size
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot

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