

Datasheet: VPA00677

BATCH NUMBER 161118

Description:	RABBIT ANTI MICROTUBULE ASSOCIATED PROTEIN TAU
Specificity:	MICROTUBULE ASSOCIATED PROTEIN TAU
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.01% Thimerosal
1% Bovine Serum Albumin

<50% Glycerol

Immunogen Recombinant protein encompassing part of the middle region of human microtubule associated protein tau

External Database Links

UniProt:

[P10636](#) [Related reagents](#)

Entrez Gene:

[4137](#) MAPT [Related reagents](#)

Synonyms MAPTL, MTBT1, TAU

Specificity **Rabbit anti Human microtubule associated protein tau antibody** recognizes the microtubule associated protein tau, also known as G protein beta1/gamma2 subunit-interacting factor 1, PHF-tau, neurofibrillary tangle protein, paired helical filament-tau or protein phosphatase 1, regulatory subunit 103.

The MAPT 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 disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy (provided by RefSeq, Jul 2008).

Rabbit anti Human microtubule associated protein tau antibody detects a band of 50-80 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Rabbit anti microtubule associated protein tau detects a band of approximately 50-80 kDa in SH-SY5Y cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information Material Safety Datasheet documentation #10096 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00677> Antibody (10096)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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