

## Datasheet: AHP738

<b>Description:</b>	GOAT ANTI HUMAN TAU (aa1-16)
<b>Specificity:</b>	TAU (aa1-16)
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			1/50 - 1/100
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/1000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Human
<b>Product Form</b>	Serum - liquid
<b>Antiserum Preparation</b>	Antisera to human Tau were raised by repeated immunisations of goats with highly purified antigen.
<b>Preservative Stabilisers</b>	0.1% Sodium Azide
<b>Immunogen</b>	Synthetic peptide MAEPRQEFVMDHAG corresponding to amino acids 1-16 of human Tau.

External Database  
Links

UniProt:

[P10636](#)

[Related reagents](#)

Entrez Gene:

[4137](#)

MAPT

[Related reagents](#)

Synonyms

MAPTL, MTBT1, TAU

RRID

AB\_323802

Specificity

**Goat anti Human tau antibody** recognizes the N-terminal region of human Microtubule-associated protein tau, also known as tau, Neurofibrillary tangle protein or Paired helical filament-tau. Tau is a ~50-70 kDa heterogeneous group of proteins that are involved in microtubule assembly. In healthy brain tissue tau is localized to the axons of neurons.

Tau has been associated with some neurological disease states including Alzheimer's disease where it localizes to neurofibrillary tangles ([Goedert \*et al.\* 1989](#)).

Several isoforms of human tau can be generated by alternative splicing, Goat anti Human tau antibody is expected to recognize all isoforms with the possible exception of isoform-3 which demonstrates multiple residue changes within the region of the immunizing peptide.

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety  
Information

Material Safety Datasheet documentation #10342 available at:  
10342: <https://www.bio-rad-antibodies.com/uploads/MSDS/10342.pdf>

Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

North & South  
America

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

From March 15, 2021, we will no longer supply printed datasheets with our products.  
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

'M356755:190821'

