

Datasheet: AHP738

Description:	GOAT ANTI HUMAN TAU (aa1-16)
Specificity:	TAU (aa1-16)
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Serum - liquid
Antiserum Preparation	Antisera to human Tau were raised by repeated immunisations of goats with highly purified antigen.
Preservative Stabilisers	0.1% Sodium Azide
Immunogen	Synthetic peptide MAEPRQEFVMDHAG corresponding to amino acids 1-16 of human Tau.
External Database Links	<p>UniProt: P10636 Related reagents</p> <p>Entrez Gene: 4137 MAPT Related reagents</p>
Synonyms	MAPTL, MTBT1, TAU

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 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.

Shelf Life 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](#)

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