

Tau Antibody (pSer396)

Rabbit Anti-Human Tau (pSer396) Polyclonal

Catalog No. SPC-1436

Overview

Product Name	Anti-Tau Antibody (pSer396)
Size(s) Available/ Catalog No.	100 µl SPC-1436D
Species Reactivity	Hu Ms Rt
Tested Applications	WB ELISA
Antibody Dilution	WB (1:250-500); ELISA (1:10000); optimal dilutions for assays should be determined by the user.
Immunogen	Synthetic phospho-peptide from human Tau around the phosphorylation site of serine 396 (pSer396).
Concentration	N/A

Properties

Storage Buffer	PBS, pH 7.4, 150mM NaCl, 50% glycerol, 0.02% sodium azide
Storage Conditions/ Shipping Temperature	-20°C; > 1 year avoid; freeze/ thaw cycle. Blue Ice or 4°C.
Purification	Peptide Affinity Purified
Product Type	Polyclonal
Specificity	Detects endogenous levels of Tau only when phosphorylated at serine 396 (pSer396).
Certificate of Analysis	A 1:500 dilution of SPC-1436 was sufficient for detection of Tau (pSer396) in 10 µg of mouse brain cell lysates by ECL immunoblot analysis using goat anti-rabbit as the secondary antibody.

Biological Description

Alternative Name(s)	Tau Antibody, Neurofibrillary tangle protein Antibody, MAPTL Antibody, Microtubule-associated protein tau Antibody, MTBT1 Antibody, Paired helical filament-tau Antibody, TAU Antibody, PHF-tau Antibody, MAPT Antibody, AI413597 antibody, AW045860 antibody,
Research Area(s)	Neuroscience Neurodegeneration Alzheimer's Disease Tangles & Tau Cell Signaling Cytoskeleton Microtubules MT Associated Proteins Neuroscience Cell Markers Neuron Markers Axon Markers
Cellular Localization	Cytoskeleton Plasma Membrane Cell Membrane Peripheral Membrane Protein Cytoplasmic Side Cytosol Axon Microtubule Microtubule Associated Complex Tubulin Complex Nucleus Nuclear Periphery Nuclear Speck Axolemma Plasma Membrane Ax
Sequence References	Gene ID: 4137; Accession Number: NP_001116538.2; Swiss Prot: P10636
Function	N/A

Please Note: Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

Material Safety Data Sheet

Anti-Tau Antibody (pSer396) (Polyclonal) SPC-1436

This product is for *in vitro* research use only and is not intended for use in humans or animals

The below information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. StressMarq shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.

Hazardous Ingredients

The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling this product. Safety procedures should include wearing OSHA approved safety glasses, gloves and protective clothing. Direct physical contact with this product should be avoided.

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percentage</u>
Sodium Azide	26628-22-8	0.02

Physical Data

This product consists of Rabbit immunoglobulin in PBS, pH 7.4, 150mM NaCl, 50% glycerol, 0.02% sodium azide, shipped on gel packs.

The physical properties of this product have not been investigated thoroughly.

Fire and Explosion Hazard and Reactivity Data

NOT APPLICABLE

Toxicological Properties

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

Spill and Leak Procedures

Observe all federal, state and local environmental regulations.

- Wear protective equipment.
- Absorb on sand or vermiculite and place in closed containers for disposal.
- Dispose or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. Call a physician.
- In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
- If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.