bs-4199R

[Primary Antibody]

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phospho-Tau (Ser198) Rabbit pAb

sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 4137 **SWISS:** P10636

Target: Tau (Ser198)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

Tau around the phosphorylation site of Ser198: GY(P-S)SP.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Tau proteins are important Promotes microtubule assembly and

stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization. Tau proteins subcellular located in the axons of neurons, in the cytoso I and in association with plasma membrane components. It expressed in neurons. PNS-tau is expressed in the peripheral nervous system while the others are

expressed in the central nervous system.

Applications: Flow-Cyt (1µg/Test)

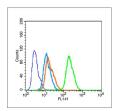
Reactivity: Human (predicted: Mouse,

Rat, Rabbit, Dog, Horse)

Predicted 52/79 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Blank control (blue line): MCF 7 (fixed with 70% methanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody (green line): Rabbit Anti- phospho-Tau protein (Ser198)antibody (bs-4199R),Dilution: 0.2μg /10^5 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, Dilution: 1µg /test.