bs-0046R **[Primary Antibody]**

Neuronal thread protein AD7c-NTP Rabbit pAb

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

DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
GeneID: AD7c
Target: Neuronal thread protein AD7c-NTP
Immunogen: KLH conjugated synthetic peptide derived from human Neuronal thread protein AD7c-NTP: 301-375/375.
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: AD7c-NTP is detected in increased concentration in the cortical neurons, brain-tissue extracts, cerebrospinal fluid, and urine early in the course of AD neurodegeneration, and its level is positively correlated with the severity of dementia. All these characteristics make it a possible biomarker for AD.

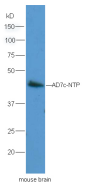
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1ug/Test)

Reactivity: Human, Mouse, Rat

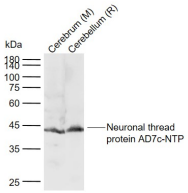
Predicted MW: 41 kDa

Subcellular Location: Cytoplasm

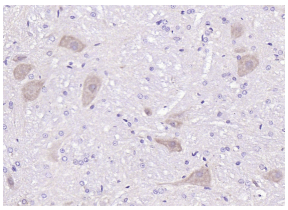
VALIDATION IMAGES



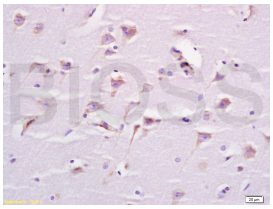
Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti- AD7c-NTP(bs-0046R) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution Predicted band size: 41 kD Observed band size: 41 kD



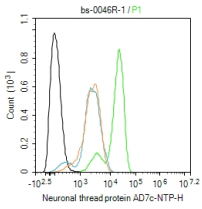
Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Rat Cerebellum tissue lysates Primary: Anti-Neuronal thread protein AD7c-NTP (bs-0046R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 43 kDa



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Neuronal thread protein AD7c-NTP) Polyclonal Antibody, Unconjugated (bs-0046R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: human brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-AD7c-NTP Polyclonal Antibody, Unconjugated(bs-0046R) 1:200, overnight at 4°C,



Blank control: SHSY5Y. Primary Antibody (green line): Rabbit Anti-Neuronal thread protein AD7c-NTP antibody (bs-0046R) Dilution: 1ug/Test; Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C.The cells were then incubated in 5%BSA to block non-

followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=5.11]** He,et al.Disposable Morpho menelaus Based Flexible Microfluidic and Electronic Sensor for the Diagnosis of Neurodegenerative Disease.(2018) Advanced Healthcare Materials. 7:. Other ;Human. 29345124