

Anti-MAPT antibody (500-758) (STJ24499)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

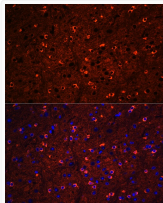
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 79kDa Observed Mw: 50-70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

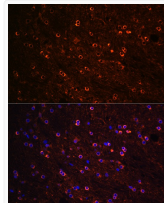
Gene ID	4137
Gene Symbol	MAPT
UniProt ID	TAU_HUMAN
Immunogen Region	500-758
Immunogen Sequence	PSSGEPKPSGDRSGYSSPGS PGTPGSRSRTPSLPTPTRE PPKVAVVRTPPKSPSSAKSR LQTAPVMPDNLNVKSKIGS TENLKHQPGGGKVQIINKKL DLSNVQSKCGSKDNIKHVPG GGSVQIVYKPVDSLKVTSCG GSLGNIHHKPGGGQVEVKSE KLDFKDRVQSKIGSLDNITH VPGGGNKKIETHKLTFRENA KAKTDHGAEIVYKSPVVSVD TSPRHLSNVSSSTGSIDMVD
Specificity	A synthetic peptide corresponding to a sequence within amino acids 500-758 of human Tau (NP_058519.3).

ADDITIONAL INFORMATION

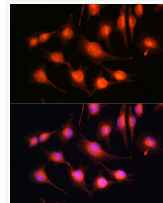
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



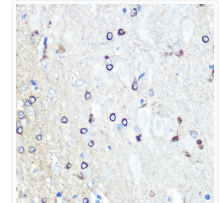
Immunofluorescence analysis of paraffin-embedded mouse brain using Tau Rabbit polyclonal antibody (STJ24499) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



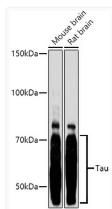
Immunofluorescence analysis of paraffin-embedded rat brain using Tau Rabbit polyclonal antibody (STJ24499) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-251 MG cells using Tau Rabbit polyclonal antibody (STJ24499) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of Tau in paraffin-embedded rat brain using Tau Rabbit polyclonal antibody (STJ24499) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using Tau Rabbit polyclonal antibody (STJ24499) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.