

Anti-Map2 antibody (1510-1827) (STJ24462)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

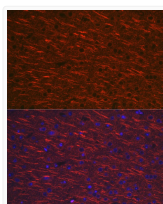
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 200kDa Observed Mw: 75kDa/280kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

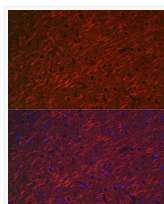
Gene ID	4133
Gene Symbol	MAP2
UniProt ID	MTAP2_HUMAN
Immunogen Region	1510-1827
Immunogen Sequence	GGESALAPSVFKQAKDKVSD GVTKSPEKRSSLPRPSSILP PRRGVSGDRDENSFSLNSSI SSSARRTTTRSEPIRRAGKSG TSTPTTPGSTAITPGTPPSY SSRTPGTPGTPSYRTPHTP GTPKSAILVPSEKKVAIIRT P
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1510-1650 of human MAP2 (NP_002365.3).

ADDITIONAL INFORMATION

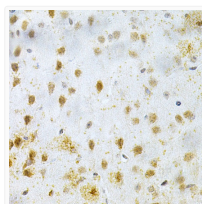
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



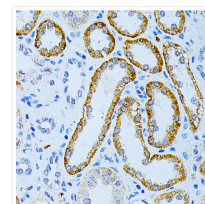
Immunofluorescence analysis of mouse brain cells using MAP2 Rabbit polyclonal antibody (STJ24462) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



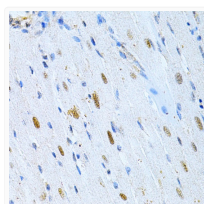
Immunofluorescence analysis of rat brain cells using MAP2 Rabbit polyclonal antibody (STJ24462) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



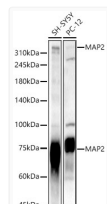
Immunohistochemistry analysis of paraffin-embedded mouse brain using MAP2 Antibody (STJ24462) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human kidney cancer using MAP2 Antibody (STJ24462) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat heart using MAP2 Antibody (STJ24462) at dilution of 1:200 (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 MAP2 antibody (STJ24462) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.