

MAPT Rabbit pAb

Catalog No.: A23656

Basic Information

Observed MW**Calculated MW**

38kDa

Category

Primary antibody

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables DNA binding activity; microtubule binding activity; and protein kinase binding activity. Involved in negative regulation of tubulin deacetylation; regulation of cellular response to heat; and regulation of response to DNA damage stimulus. Acts upstream of or within several processes, including adult walking behavior; generation of neurons; and transport along microtubule. Located in several cellular components, including cytoskeleton; glial cell projection; and postsynaptic density. Is expressed in several structures, including gut; nervous system; sensory organ; smooth muscle tissue; and urinary system. Used to study Alzheimer's disease. Human ortholog(s) of this gene implicated in dementia (multiple); neurodegenerative disease (multiple); progressive supranuclear palsy; and temporal lobe epilepsy. Orthologous to human MAPT (microtubule associated protein tau).

Recommended Dilutions

WB 1:500 - 1:1000**IF/ICC** 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

17762

Swiss Prot

P10637-5

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Tau; Mtap; PHF-tau; MAPT

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

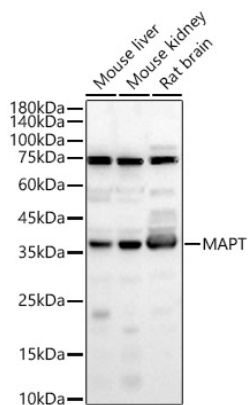
Affinity purification

Storage

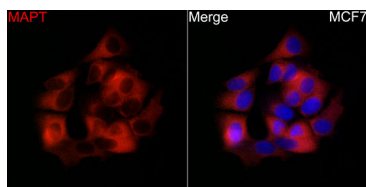
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates, using MAPT Rabbit pAb (A23656) at 1:900 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunofluorescence analysis of MCF7 cells using MAPT Rabbit pAb(A23656) at a dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.