

MAP2 (Phospho Thr1616) Rabbit pAb

CatalogNo: YP1233

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF, WB

MW

- 280kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:50-200

WB 1:500-2000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human MAP2 (Phospho-Thr1616)

Specificity This antibody detects endogenous phospho levels of MAP2 (Phospho-Thr1616) at Human:T1616, Mouse:T1620, Rat:T1622. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): PGtPG

| Target Information

Gene name MAP2
Protein Name MAP2 (Phospho-Thr1616)

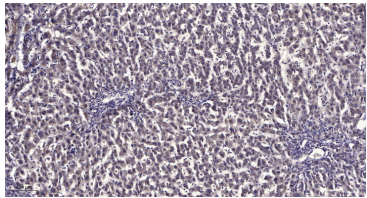
Organism	Gene ID	UniProt ID
Human	4133 ;	P11137 ;

Cellular Localization Cytoplasm, cytoskeleton . Cell projection, dendrite .

Tissue specificity Brain,Brain cortex,Epithelium,Pancreas,Testis,

Function Alternative products:Additional isoforms seem to exist,Function:The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.,PTM:MAP2A/c is phosphorylated. Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 3 Tau/MAP repeats.,similarity:Contains 4 Tau/MAP repeats.,

| Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

| Contact information

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