

MAP2 Antibody

Subcategory: Chicken Polyclonal Antibody

Cat. No.: 253168

Unit: 0.1 ml

Description:

Microtubules are associated with a family of proteins called microtubule associated proteins (MAPs), which includes the protein tau, MAP1, MAP2, MAP3, MAP4 and MAP5. Microtubule-associated protein 2 (MAP2) helps stabilize microtubules against depolymerization. MAP2 also has a stiffening effect on microtubules. MAP2 is phosphorylated upon DNA damage, probably by ATM or ATR. MAP2 is made up of two 280 kDa apparent MW bands referred to as MAP2a and MAP2b. A third lower MW form, called MAP2c, corresponds to a pair of protein bands running at 70 kDa. This antibody only detects MAP2a and MAP2b.

Isotype: Goat Ig

Applications: E, IF, WB

Species Reactivity: B, H, M, R

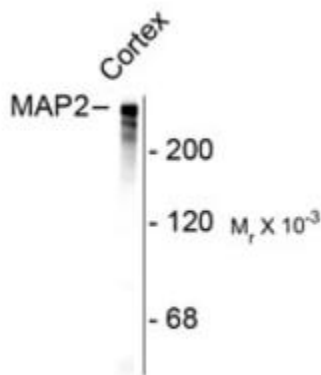
Format: Each vial contains 0.1 ml IgY in PBS pH7.4 with 0.065% sodium azide. Antibody was purified by PEG precipitation.

Alternate Names: Microtubule-associated protein 2; MAP-2; MAP2; MAP2a; MAP2b

Accession No.: P11137

Antigen: Bovine MAP2 isolated from brain by the GTP microtubule cycling method.

Application Notes: E: 1:5000-1:10,000; WB: 1:20,000; IF: 1:2,500



The MAP2 Antibody (Cat. No. 253168) is used in Western blot to detect MAP2 in rat cortex tissue lysate.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.