

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## MAP2 RABBIT PAB

Cat.#: S220004

**Product Name:** Anti-Map2 Rabbit Polyclonal Antibody

**Synonyms:** MAP-2; Mtap2; Mtap-2

**UNIPROT ID:** P20357

**Background:** 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. It contains 3

Tau/MAP repeats. Phosphorylated at serine residues in K-X-G-S motifs by causing

MAP/microtubule affinity-regulating kinase (MARK1 or MARK2), detachment from microtubules, and

their disassembly.

**Immunogen:** Synthetic peptide of mouse Map2

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-5000

**Host Species:** Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

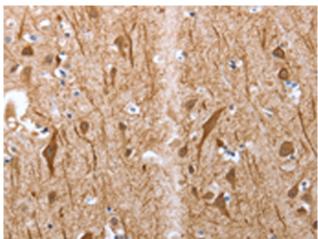
**Research Areas:** Signal Transduction, Neuroscience, Stem Cells

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

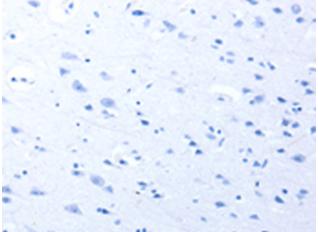


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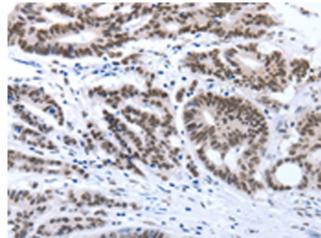
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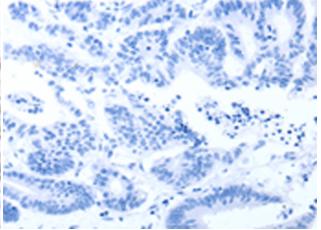
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220004(Map2 Antibody) at a dilution of 1/25(Cytoplasm, Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220004(Anti-Map2 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffinembedded Human colon cancer tissue using 220004(Anti-Map2 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D260763(Anti-Map2 Antibody) at dilution 1/25.