

Rabbit anti-Human, Mouse MAP4 Polyclonal Antibody | anti-MAP4 antibody

MAP4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179424	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

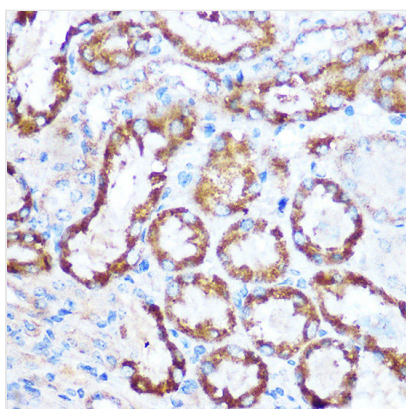
PRODUCT SYNONYMS

MAP4; Polyclonal Antibody; MAP4 Polyclonal Antibody; anti-MAP4 antibody

PRODUCT SPECIFICATIONS

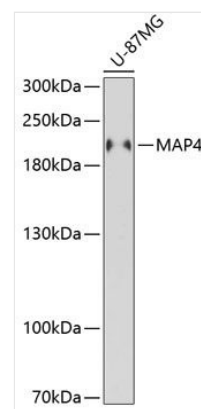
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MAP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MAP4
Research Area	Cancer, Cell Biology, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using MAP4 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of U-87MG cells using MAP4 Polyclonal Antibody at 1:3000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP4 antibody	The protein encoded by this gene is major non-neuronal microtubule-associated protein. This protein contains a domain similar to the microtubule-binding domains of neuronal microtubule-associated protein (MAP2) and microtubule-associated protein tau (MAPT/TAU). This protein promotes microtubule assembly, and has been shown to counteract destabilization of interphase microtubule catastrophe promotion. Cyclin B was found to interact with this protein, which targets cell division cycle 2 (CDC2) kinase to microtubules. The phosphorylation of this protein affects microtubule properties and cell cycle progression. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MAP4 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	47519639
NCBI GeneID	4134
NCBI Accession #	NP_002366.2
NCBI GenBank Nucleotide #	NM_002375.4
UniProt Accession #	P27816; Q13082; Q59FT2; Q68D74; Q6ZUW9; Q96A76; Q96NS9; Q05D06; Q6NX68; Q7Z4R3; Q86V26; Q86Y04; Q8NDS5
Molecular Weight	121,005 Da
NCBI Official Full Name	microtubule-associated protein 4 isoform 1
NCBI Official Synonym Full Names	microtubule-associated protein 4
NCBI Official Symbol	MAP4
NCBI Official Synonym Symbols	MGC8617; DKFZp779A1753
NCBI Protein Information	microtubule-associated protein 4; MAP-4; OTTHUMP00000210722; OTTHUMP00000210723; OTTHUMP00000210725; OTTHUMP00000210726; OTTHUMP00000210727
UniProt Protein Name	Microtubule-associated protein 4
UniProt Gene Name	MAP4
UniProt Entry Name	MAP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/map4-antibody-immunohistochemistry-western-blot-elisa/179424>