

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

Rabbit anti-MAP4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211501	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

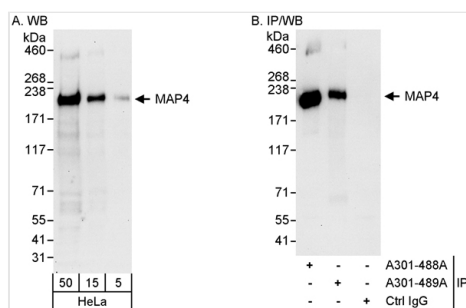
PRODUCT SYNONYMS

MAP4; Polyclonal Antibody; Rabbit anti-MAP4 Antibody; Affinity Purified; MAP-4; microtubule-associated protein 4; Microtubule-associated protein 4; microtubule associated protein 4; anti-MAP4 antibody

PRODUCT SPECIFICATIONS

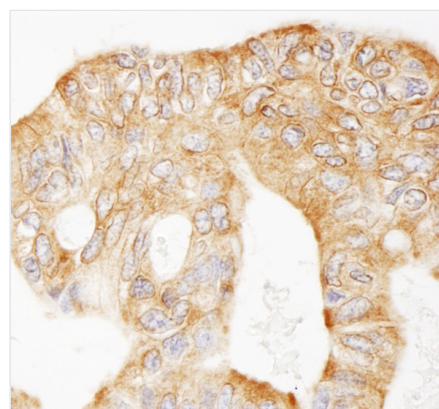
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-MAP4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 1102 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MAP4 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-MAP4 antibody AAA211501 used for WB at 0.04 ug/ml (A) and 0.01 ug/ml (B) and used for IP at 3 ug/mg lysate. MAP4 was also immunoprecipitated by rabbit anti-MAP4 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 second (A and B).



IHC (Immunohistochemistry)

Detection of human MAP4 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-MAP4 (Cat. No. AAA211501 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MAP4 antibody	Microtubule-associated protein 4 (MAP4) is part of the structural MAP2/Tau family of microtubule-binding proteins which includes MAP2, Tau, and MAP4. MAP4 is widely-expressed in various non-neuronal tissues. However, a neural-cell specific variant generated by alternative splicing has been identified. MAP4 is multifunctional and plays a role in regulating mitotic microtubule dynamics. It associates with cyclin B1 and is regulated via its phosphorylation by cdk2.
Product Categories/Family for anti-MAP4 antibody	Primary Antibodies

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-immunoprecipitation-western-blot-elisa/211501>