

Mouse Microtule Associated Protein 2 (MAP2) Monoclonal Antibody | anti-MAP2 antibody

Monoclonal Antibody to Microtule Associated Protein 2 (MAP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21255	Mouse	Human, Rat, Pig	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

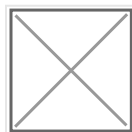
PRODUCT SYNONYMS

Microtule Associated Protein 2 (MAP2); Monoclonal Antibody; Monoclonal Antibody to Microtule Associated Protein 2 (MAP2); Microtule Associated Protein 2; MAP2A; MAP2B; MAP2C; anti-MAP2 antibody

PRODUCT SPECIFICATIONS

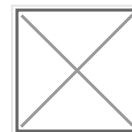
Host	Mouse
Reactivity	Human, Rat, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against MAP2. It has been selected for its ability to recognize MAP2 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Leu727~Asp985
Applicable Applications for anti-MAP2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/mL
Immunogen	Recombinant Microtule Associated Protein 2 (MAP2)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)

Western Blot; Sample: Lane1: Porcine CerebuM lysate; Lane2: Porcine CerebeluM lysate; Lane3: Rat CerebuM lysate Primary Ab: 0.2ug/ml Mouse Anti-human MAP2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

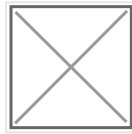
DAB staining on IHC-P; Sample: Rat Spinal cord Tissue Primary Ab: 30ug/ml Mouse Anti-human MAP2 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**IHC (Immunohistochemistry)**

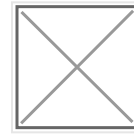
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**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Sample: Rat CerebuM Tissue Primary Ab: 30ug/ml Mouse Anti-human MAP2 Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Sample: Rat CerebeluM Tissue; Primary Ab: 20ug/ml Mouse Anti-human MAP2 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Sample: Rat Spinal cord Tissue; Primary Ab: 20ug/ml Mouse Anti-human MAP2 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-MAP2 antibody

[Monoclonal Antibodies \(Primary Abs\)](#); [Monoclonal antibodies](#); [Neuro science](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	87578396
NCBI GeneID	4133
NCBI Accession #	NP_002365.3
NCBI GenBank Nucleotide #	NM_002374.3
UniProt Accession #	P11137 ; Q17S04 ; Q8IUX2 ; Q99975 ; Q99976
Molecular Weight	199,526 Da
NCBI Official Full Name	microtubule-associated protein 2 isoform 1
NCBI Official Synonym Full Names	microtubule-associated protein 2
NCBI Official Symbol	MAP2
NCBI Official Synonym Symbols	MAP2A; MAP2B; MAP2C
NCBI Protein Information	microtubule-associated protein 2; MAP-2
UniProt Protein Name	Microtubule-associated protein 2
UniProt Gene Name	MAP2
UniProt Synonym Gene Names	MAP-2
UniProt Entry Name	MTAP2_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/monoclonal/microtuule-associated-protein-2-map2-antibody-clone-c1-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21255>