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<b>Product name:</b>	MAP-2ab
<b>Cat number:</b>	AB-10417
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	50 ul
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Ch
<b>Isotype:</b>	IgY
<b>Immunogen:</b>	Full length native protein (purified) corresponding to Cow MAP2. Positive control: ICC: cultured rat cortical neurons.Lipid extraction from egg yolk, followed by ammonium sulphate precipitation.
<b>Reactivity:</b>	Hu, Rt, Ms, Bv, Mamm
<b>Applications:</b>	Western Blot: 1:10000-1:100.000 This 280kDa band corresponds to the high molecular weight MAP2a and MAP2b isoforms. Also detects 2 bands at approximately 70 kDa, corresponding to MAPc, since the 70kDa bands are transcripts from the same gene and correspond to the C-terminus of the 280kDa bands. Immunocytochemistry: 1:5000-10.000 Immunofluorescence: 1:5000-10.000 Immunohistochemistry (frozen tissues)1:5000-10.000 Immunohistochemistry (paraffin-embedded tissues):To be optimized by end user. ELISA: 1:5000
<b>Molecular Weight:</b>	~280kDa
<b>Purification:</b>	Serum
<b>Form:</b>	Liquid
<b>Buffer:</b>	Preservative: 0.02% Sodium azide
<b>Storage:</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.



Western blot - Anti-MAP2 antibody All lanes : Anti-MAP2 antibody at 1/50000 dilution Lane 1 : Adult rat brain lysate Lane 2 : Embryonic E20 rat brain lysate Lane 3 : Adult mouse brain lysate



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAP2 antibody PFA-fixed, paraffin embedded sections of sheep cerebellum were stained for MAP2 with AB-10147 at 1/2000 dilution in immunohistochemical analysis. Goat Anti-Chicken IgY H&L (Biotin) was used as secondary antibody at 1/200 dilution.

Immunocytochemistry/  
Immunofluorescence - Anti-MAP2 antibody Rat E20 cultured cortical neuron-glia cells stained for MAP2 (red) using AB-10147 at 1/2000 dilution for ICC/IF. Tau is detected with a mouse monoclonal anti-Tau antibody (green). The nuclear counter stain is DAPI (blue). Overlap of MAP2 and Tau staining results in an orange-yellow color.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAP2 antibody staining MAP2 in murine brain tissue sections by Immunohistochemistry (PFA fixed). Boiling in citrate-buffer was used as antigen retrieval method. AB-10147 used at a 1/2000 dilution for 12 hours. The secondary used was an Alexa-Fluor 555 conjugated goat anti-chicken polyclonal used at a 1/400 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAP2 antibody staining MAP2 in murine brain tissue sections by Immunohistochemistry (PFA fixed). Boiling in citrate-buffer was used as antigen retrieval method. AB-10147 used at a 1/2000 dilution for 12 hours. The secondary used was an Alexa-Fluor 555 conjugated goat anti-chicken polyclonal used at a 1/400 dilution.