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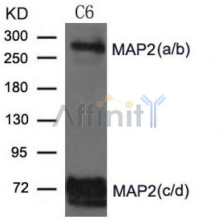
MAP2 Ab

Cat.#: AF4081	Concn.: 1mg/ml	Mol.Wt.: 55-75(2c/2d), 280(2a/2b)kd
Size: 50ul,100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB: 1:500~1:1000 IF 1:200
Reactivity:	Human,Mouse,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	The Ab detects endogenous level of total MAP2 protein.
Immunogen:	Peptide sequence around aa.1819~1823 (T-A-A-L-A) derived from Human MAP2.
Uniprot:	P11137
Description:	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.
Subcellular Location:	Cytoplasm, cytoskeleton.
Storage Condition and Buffer:	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.



Western blot analysis of extract from C6 cells using MAP2 Ab.

AF4081 staining U87 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.