CMTA1 Monoclonal Antibody

Catalog No	YP-mAb-05406
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	CAMTA1 KIAA0833 MSTP023
Protein Name	Calmodulin-binding transcription activator 1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CMTA1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	184kD
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Normally expressed in non-neoplastic adult central nervous system tissues: detected in whole brain, cerebellum, brain cortex, occipital lobe, frontal lobe, temporal lobe, putamen. Expression levels are low in oligodendroglial tumors, and are reduced by half in oligodendroglioma and astrocytoma cases with 1p loss of heterozygosity. Detected in neuroblastic-type cultured neuroblastoma cells. Expressed in heart and kidney.
Function	disease:Defects in CAMTA1 are detected in patients with oligodendroglioma and astrocytoma.,function:Transcriptional activator. May act as a tumor suppressor.,induction:Detected at low levels at interphase and in resting cells. Up-regulated during S-phase and mitosis. Levels decrease at the end of mitosis.,similarity:Belongs to the CAMTA family.,similarity:Contains 1 CG-1 DNA-binding domain.,similarity:Contains 1 IPT/TIG domain.,similarity:Contains 3 ANK repeats.,similarity:Contains 3 IQ domains.,subunit:May interact with calmodulin .,tissue specificity:Detected in whole brain, cerebellum, brain cortex, occipital lobe, frontal lobe, temporal lobe, putamen, heart and kidney. Detected in neuroblastic-type cultured neuroblastoma cells.,

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matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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