

CMTA1 Rabbit pAb

CatalogNo: YN0532

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 184kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

CMTA1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

CMTA1 KIAA0833 MSTP023

Protein Name	Calmodulin-binding transcription activator 1		
	Organism	Gene ID	UniProt ID
	Human	23261;	Q9Y6Y1;
	Mouse		A2A891;
Cellular Localization	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.,		

Validation Data

Contact information

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CMTA1 Rabbit pAb

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