

bs-5995R

[Primary Antibody]

CAMTA1 Rabbit pAb

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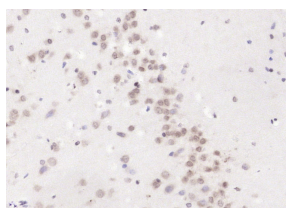
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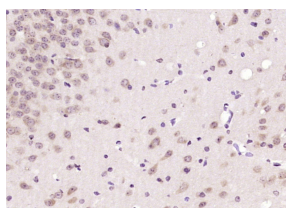
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 183 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 23261	SWISS: Q9Y6Y1	
Target: CAMTA1		
Immunogen: KLH conjugated synthetic peptide derived from human CAMTA1: 101-200/1673.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: CAMTA1 is a transcription activator which is a putative tumor suppressor. It is thought to interact with calmodulin. Defects in CAMTA1 are detected in patients with oligodendroglioma and astrocytoma.		

— VALIDATION IMAGES —



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CAMTA1) Polyclonal Antibody, Unconjugated (bs-5995R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CAMTA1) Polyclonal Antibody, Unconjugated (bs-5995R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

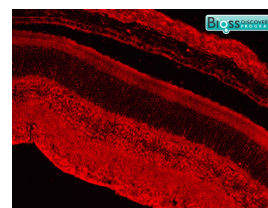


Image was kindly submitted by Dr. Luan Zhou at the University of Massachusetts Medical School. Frozen mouse retina stained with Rabbit Anti-CAMTA1 Polyclonal Antibody (bs-5995R)

— SELECTED CITATIONS —

- **[IF=5.241]** Pan, Ruijun. et al. CAMTA1-PPP3CA-NFATc4 multi-protein complex mediates the resistance of colorectal cancer to oxaliplatin. Cell Death Discov. 2022 Mar;8(1):1-13 IHC,WB ;Human. 35332122