

Anti-CAMTA1 Polyclonal Antibody

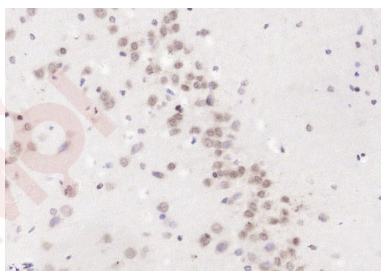
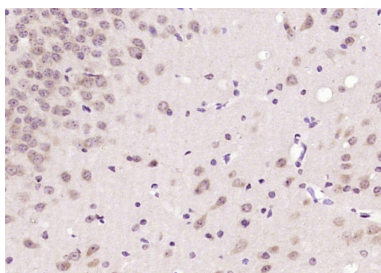
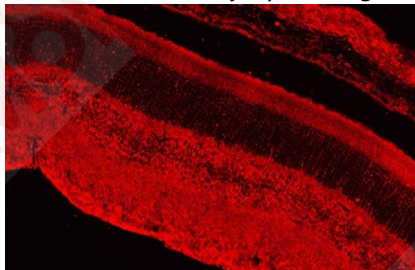
Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 183 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

1. 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 (TMAB-00277)
2. Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CAMTA1) Polyclonal Antibody, Unconjugated (TMAB-00277) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CAMTA1) Polyclonal Antibody, Unconjugated (TMAB-00277) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Application: IF,IHC-Fr,IHC-P

A DRUG SCREENING EXPERT

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human CAMTA1

Antigen Species: Human

Gene ID: 23261

Uniprot ID: Q9Y6Y1

Synonyms: Calmodulin-binding transcription activator 1; KIAA0833; CMTA1

Biology Area: Tumor suppressors, Tumor Suppressors

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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