

## Anti-DCAMKL1 Antibody (10272)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 82 kDa. Actual: 78 kDa.
Clone:	10272
Purification:	Protein A purified

### Applications

#### Verified Activity:

1. 25 ug total protein per lane of various lysates (see on figure) probed with DCAMKL1 monoclonal antibody, unconjugated (TMAB-05004) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
2. Paraformaldehyde-fixed, paraffin embedded Mouse Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Mouse Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Rat Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
9. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
10. Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in

sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

11. Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with DCAMKL1 Monoclonal Antibody, Unconjugated (TMAB-05004) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

Application: FCM,ICC/IF,IF,IHC-Fr,IHC-P,WB

Recommended FCM=1:50-100; ICC/IF=1:50-200; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

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### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: A synthesized peptide: human DCAMKL1

Antigen Species: Human

Gene ID: 9201

Uniprot ID: O15075

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### Research Background

Probable kinase that may be involved in a calcium-signaling pathway controlling neuronal migration in the developing brain. May also participate in functions of the mature nervous system.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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