

订购热线: 4008-898-798

# Anti-CAMK1 antibody

**Cat. No.** ml120338

Package 25  $\mu$ l/100  $\mu$ l/200  $\mu$ l

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-CAMK1 rabbit polyclonal antibody

Applications ELISA, IHC

Immunogen Fusion protein of human CAMK1

Reactivity Human, Mouse, Rat

Content0.2 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol CAMK1

Full name calcium/calmodulin-dependent protein kinase I

Synonyms CAMKI Swissprot Q14012

### **Target Background**

Calcium/calmodulin-dependent protein kinase I is expressed in many tissues and is a component of a calmodulin-dependent protein kinase cascade. Calcium/calmodulin directly activates calcium/calmodulin-dependent protein kinase I by binding to the enzyme and indirectly promotes the phosphorylation and synergistic activation of the enzyme by calcium/calmodulin-dependent protein kinase I kinase.



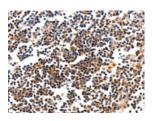
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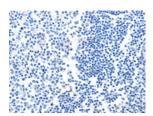
# **Applications**

## **Immunohistochemistry**

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human tonsil Recommended dilution: 10-50





The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml120338(CAMK1 Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: ×200)

#### **ELISA**

Recommended dilution: 1000-5000

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