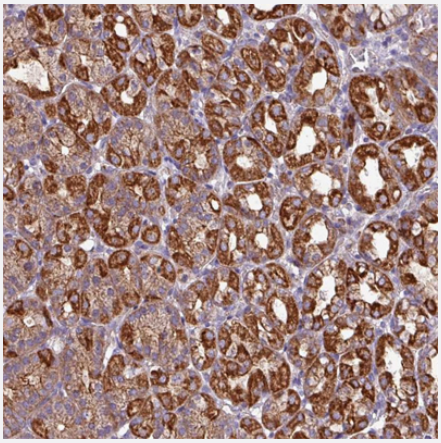
CAMK1 polyclonal antibody

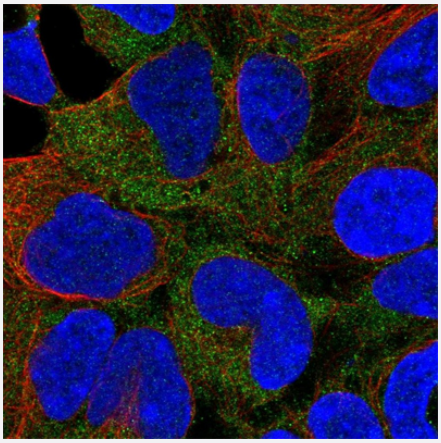
Catalog # PAB29438 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with CAMK1 polyclonal antibody (Cat # PAB29438) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line HEK 293 with CAMK1 polyclonal antibody (Cat # PAB29438) at 1-4 ug/mL concentration shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human CAMK1.
Immunogen	Recombinant protein corresponding to human CAMK1.
Sequence	PRWKQAEDIRDIYDFRDVLGT
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human stomach with CAMK1 polyclonal antibody (Cat # PAB29438) shows strong cytoplasmic positivity in glandular cells.

- Immunofluorescence

  Immunofluorescent staining of human cell line HEK 293 with CAMK1 polyclonal antibody (Cat # PAB29438) at 1-4 ug/mL concentration shows positivity in cytoplasm.

Gene Info — CAMK1

Entrez GeneID	8536
Gene Name	CAMK1
Gene Alias	CAMKI, MGC120317, MGC120318
Gene Description	calcium/calmodulin-dependent protein kinase I
Omim ID	604998
Gene Ontology	Hyperlink

Gene Summary	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 phos phorylation and synergistic activation of the enzyme by calcium/calmodulin-dependent protein kin ase I kinase. [provided by RefSeq
Other Designations	OTTHUMP00000158527

Disease

- Anorexia Nervosa
- Bulimia
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Kidney Failure
- Mental Disorders