

Rabbit CAMK1 Polyclonal Antibody | anti-CAMK1 antibody

CAMK1 Rabbit Polyclonal Antibody

CATALOG # AAA30624	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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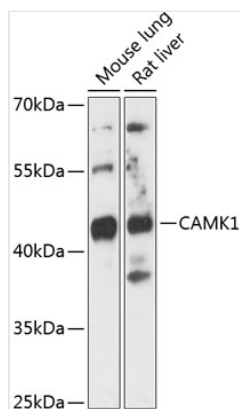
PRODUCT SYNONYMS

CAMK1; Polyclonal Antibody; CAMK1 Rabbit Polyclonal Antibody; CAMK1; anti-CAMK1 antibody

PRODUCT SPECIFICATIONS

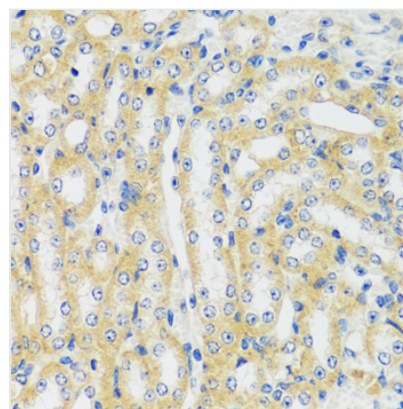
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CAMK1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100
Immunogen	Recombinant fusion protein of human CAMK1 (NP_003647.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



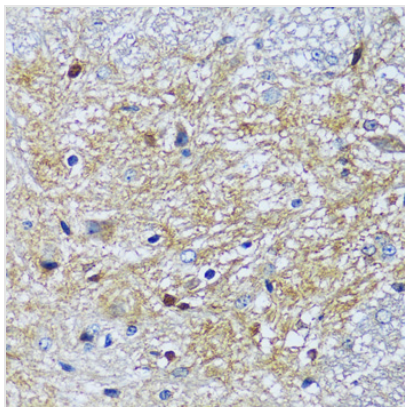
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CAMK1 at 1:3000 dilution.



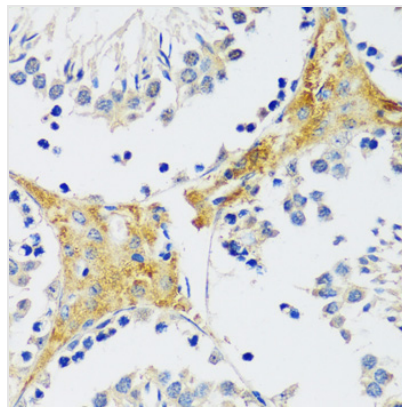
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using CAMK1 at dilution of 1:100 (40x lens).



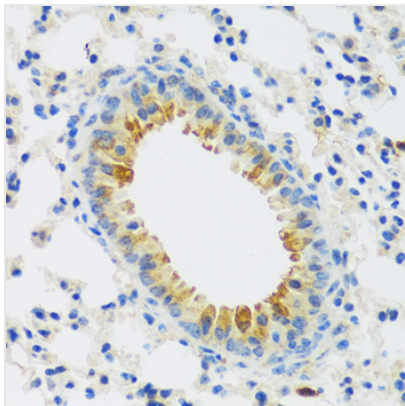
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spinal cord using CAMK1 at dilution of 1:100 (40x lens).



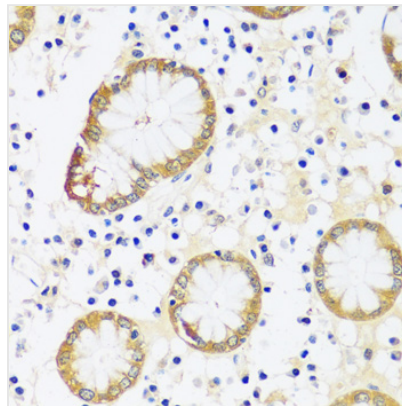
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using CAMK1 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using CAMK1 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using CAMK1 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-CAMK1 antibody	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.
Product Categories/Family for anti-CAMK1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502553
NCBI GeneID	8536
NCBI Accession #	NP_003647.1
NCBI GenBank Nucleotide #	NM_003656.4
UniProt Accession #	Q14012 ; Q3KPF6
Molecular Weight	41,337 Da
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type 1
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase I
NCBI Official Symbol	CAMK1

NCBI Official Synonym Symbols	CAMKI
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type 1; caM-KI; caMKI-alpha; caM kinase I alpha
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type 1
UniProt Gene Name	CAMK1
UniProt Synonym Gene Names	CaM-KI; CaMKI-alpha
UniProt Entry Name	KCC1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/camk1-antibody-western-blot-immunohistochemistry-elisa/30624>