

Datasheet for ABIN1978855
anti-CAMK2D antibody (AA 249-445)



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1 Image

Overview

Quantity:	50 µL
Target:	CAMK2D
Binding Specificity:	AA 249-445
Reactivity:	Human, Mouse, Rat, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 249 and 445 (Q13557) of CaMKII delta. Percent identity by BLAST analysis: Human, Pig (100%), Chicken (98%), Xenopus (94%). Type of Immunogen: Recombinant protein
Specificity:	Human CaMKII Delta / CAMK2D
Cross-Reactivity:	Mouse (Murine), Pig (Porcine), Rabbit, Rat (Rattus)
Purification:	Immunoaffinity purified

Target Details

Target:	CAMK2D
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Target Details

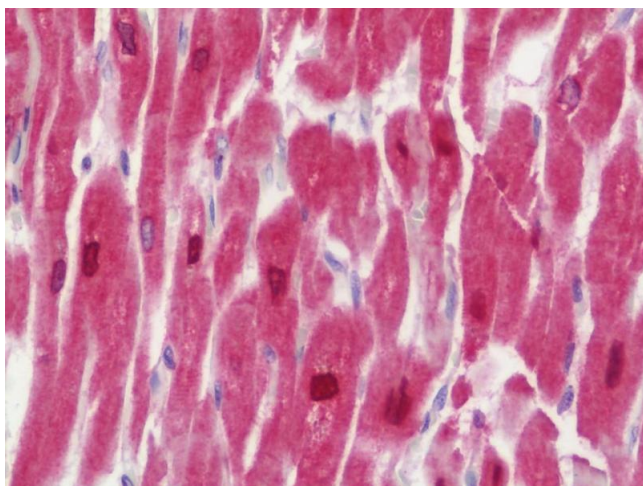
Alternative Name:	CAMK2D / CaMKII delta (CAMK2D Products)
Background:	Name/Gene ID: CAMK2D Subfamily: CAMK2 Family: Protein Kinase Synonyms: CAMK2D, CaM kinase II delta, CaM kinase II delta subunit, CaM kinase II subunit delta, CaM-kinase II delta chain, CaMK-II delta subunit, CaMKIIdelta, CaMK II delta, CAMKD, CaMK-II subunit delta, CaMKII delta, Delta CaMK-II
Gene ID:	817
Pathways:	WNT Signaling , Interferon-gamma Pathway , Myometrial Relaxation and Contraction , Smooth Muscle Cell Migration

Application Details

Application Notes:	Approved: ICC (1:100 - 1:1000), IHC, IHC-P (7.5 µg/mL), WB (1:1000 - 1:10000)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7.0, 10 % glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. Anti-CAMK2D / CaMKII Delta antibody IHC staining of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 7.5 ug/ml.