



Datasheet for ABIN2774518

anti-Calmodulin-Lysine N-Methyltransferase (CAMKMT) (C-Term) antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Calmodulin-Lysine N-Methyltransferase (CAMKMT)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CAMKMT
Sequence:	QFCNLAEKAG FCIQRHENYD EHISNFHSLK KKENPDIYEE NLHYPLLLIL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 92%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CAMKMT. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Calmodulin-Lysine N-Methyltransferase (CAMKMT)
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Target Details

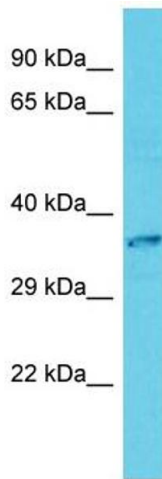
Alternative Name:	CAMKMT (CAMKMT Products)
Background:	<p>This gene encodes a class I protein methyltransferase that acts in the formation of trimethyllysine in calmodulin. The protein contains a AdoMet-binding motif and may play a role in calcium-dependent signaling.</p> <p>Alias Symbols: C2orf34, CLNMT, CaM KMT, Cam, KMT</p> <p>Protein Interaction Partner: TUBB6, CAMKMT, CCT8, CCT2, TUBB4A, TUBB3, NPEPPS, CCT3, HSP90AB1, HSP90AA1, HSPA8, HSPA5, CCT6A, CALM2, HSP90AB2P, APP, ELAVL1,</p> <p>Protein Size: 323</p>
Molecular Weight:	35 kDa
Gene ID:	79823
NCBI Accession:	NM_024766 , NP_079042
UniProt:	Q7Z624

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 323 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: CAMKMT Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml CAMKMT is supported by BioGPS gene expression data to be expressed in HepG2