

Datasheet for ABIN7266060 anti-CIC antibody (AA 1379-1608)



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1 Image

Overview

Quantity:	100 µL
Target:	CIC
Binding Specificity:	AA 1379-1608
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIC antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	CIC Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1379-1608 of human CIC (NP_055940.3).
Sequence:	LATSPRILG SYRKKRKNST DLDSAPEDPT SPKRKMRRRS SCSSEPNTPK SAKCEGDIFT FDRTGTEAED VLGELEYDKV PYSSLRRTLQ QRRALVMQLF QDHGFFPSAQ ATAAFQARYA DIFPSKVCLQ LKIREVRQKI MQAATPTEQP PGAEAPLPVP PPTGTAAAPA PTPSPAGGPD PTSPSSDSGT AQAAPPLPPP PESGPGQPGW EGAPQPSPPP PGPSTAATGR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: CIC

Alternative Name: CIC ([CIC Products](#))

Background: The protein encoded by this gene is an ortholog of the *Drosophila melanogaster* capicua gene, and is a member of the high mobility group (HMG)-box superfamily of transcriptional repressors. This protein contains a conserved HMG domain that is involved in DNA binding and nuclear localization, and a conserved C-terminus. Studies suggest that the N-terminal region of this protein interacts with Atxn1 (GeneID:6310), to form a transcription repressor complex, and in vitro studies suggest that polyglutamine-expansion of ATXN1 may alter the repressor activity of this complex. Mutations in this gene have been associated with olidogdendrogliomas (PMID:21817013). In addition, translocation events resulting in gene fusions of this gene with both DUX4 (GeneID:100288687) and FOXO4 (GeneID:4303) have been associated with round cell sarcomas. There are multiple pseudogenes of this gene found on chromosomes 1, 4, 6, 7, 16, 20, and the Y chromosome. Alternative splicing results in multiple transcript variants encoding different isoforms.,CIC,Epigenetics & Nuclear Signaling,Neuroscience,Neurodegenerative Diseases,CIC

Molecular Weight: 163kDa

Gene ID: 23152

UniProt: [Q96RK0](#)

Application Details

Application Notes: WB,1:200 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

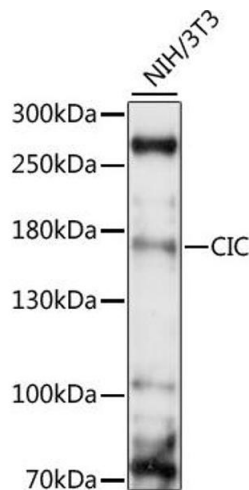
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of NIH/3T3, using CIC antibody (ABIN7266060) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.