

Datasheet for ABIN2783345
anti-COQ8A antibody (N-Term)[Go to Product page](#)

1 Image

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Overview

Quantity:	100 µL
Target:	COQ8A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COQ8A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CABP1
Sequence:	FANPRDSFSA MGFQRRFFHQ DQSPVGGLTA EDIEKARQAK ARPENKQHKQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against CABP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	COQ8A
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Target Details

Alternative Name:	CABC1 (COQ8A Products)
Background:	<p>CABC1 is a mitochondrial protein similar to yeast ABC1, which functions in an electron-transferring membrane protein complex in the respiratory chain. It is not related to the family of ABC transporter proteins. Expression of this gene is induced by the tumor suppressor p53 and in response to DNA damage, and inhibiting its expression partially suppresses p53-induced apoptosis. This gene encodes a mitochondrial protein similar to yeast ABC1, which functions in an electron-transferring membrane protein complex in the respiratory chain. It is not related to the family of ABC transporter proteins. Expression of this gene is induced by the tumor suppressor p53 and in response to DNA damage, and inhibiting its expression partially suppresses p53-induced apoptosis. Alternatively spliced transcript variants have been found, however, their full-length nature has not been determined.</p> <p>Alias Symbols: ADCK3, COQ8, MGC4849, ARCA2, CABC1, SCAR9</p> <p>Protein Interaction Partner: TMEM239, REEP6, TMEM159, AGTRAP, TFIP11, RABAC1, VCP, UBC, IRAK2, IRAK1, ICT1, COQ8,</p> <p>Protein Size: 647</p>
Molecular Weight:	72 kDa
Gene ID:	56997
NCBI Accession:	NM_020247 , NP_064632
UniProt:	Q8NI60

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 647 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

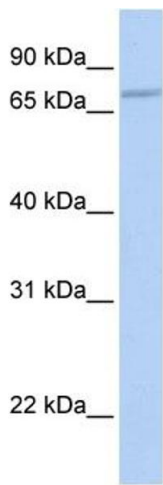
Handling

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.

Publications

Product cited in:	Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: Diagnostic microbiology and infectious disease , Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-CABC1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721_B cell lysate