

# Datasheet for ABIN951733 anti-CUTC antibody (Middle Region)

Image



Overview

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Target:CUTCBinding Specificity:AA 66-94, Middle RegionReactivity:HumanHost:RabbitClonality:PolyclonalConjugate:This CUTC antibody is un-conjugatedApplication:Western Blotting (WB), Enzyme Immunoassay (EIA)Product DetailsKLH conjugated synthetic peptide between 66-94 amino acids from the Central region of human CUTCIsotype:Ig FractionSpecificity:This antibody reacts to CUTC.Cross-Reactivity (Details):Species reactivity (tested):Human.Purification:Affinity chromatography on Protein A	Overview	
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Purification: Affinity chromatography on Protein A	Specificity:	This antibody reacts to CUTC.
	Cross-Reactivity (Details):	Species reactivity (tested):Human.
Target Details	Purification:	Affinity chromatography on Protein A
	Target Details	

Target:	CUTC
Alternative Name:	CUTC (CUTC Products)

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#### Target Details

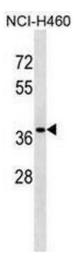
Background:	Members of the CUT family of copper transporters are associated with copper homeostasis
	and are involved in the uptake, storage, delivery, and efflux of copper (Gupta et al., 1995
	[PubMed 7635807], Li et al., 2005 [PubMed 16182249]).Synonyms: CGI-32, Copper homeostasis
	protein cutC homolog
Molecular Weight:	29341 Da
Gene ID:	51076
NCBI Accession:	NP_057044
Pathways:	Transition Metal Ion Homeostasis

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Western Blotting

**Image 1.** CUTC Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35µg/lane).This demonstrates the CUTC antibody detected the CUTC protein (arrow).

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