

Datasheet for ABIN2786907
anti-CUTC antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CUTC
Sequence:	LEGLPLIKRL IEQAKGRIVV MPGGGITDRN LQRILEGSGA TEFHCSARST
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against CUTC. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CUTC
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Target Details

Alternative Name:	CUTC (CUTC Products)
Background:	<p>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]).</p> <p>Alias Symbols: CGI-32, RP11-483F11.3</p> <p>Protein Interaction Partner: CEP76, SPG21, CUTC, SDCBP, BCL6, UBC, IRF2BP2, PRRC1, GANAB, LIMCH1, GABPA, LNX1, ASCC2, NADSYN1, NIF3L1, SLC27A6, NUDT18, PIM2,</p> <p>Protein Size: 273</p>
Molecular Weight:	29 kDa
Gene ID:	51076
NCBI Accession:	NM_015960 , NP_057044
UniProt:	Q9NTM9
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 273 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.

Images



Western Blotting

Image 1. WB Suggested Anti-CUTC Antibody Titration:
0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

Western Blotting

Image 2. WB Suggested Anti-CUTC
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: Jurkat cell lysate

CUTC is supported by BioGPS gene expression data to be expressed in Jurkat