

Rabbit anti-Human CUTC Polyclonal Antibody | anti-CUTC antibody

CUTC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234704	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

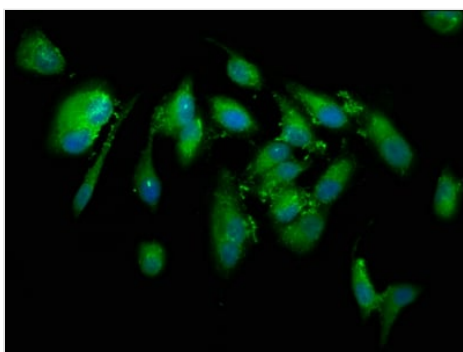
PRODUCT SYNONYMS

CUTC; Polyclonal Antibody; CUTC Antibody; Copper homeostasis protein cutC homolog; CGI-32; anti-CUTC antibody

PRODUCT SPECIFICATIONS

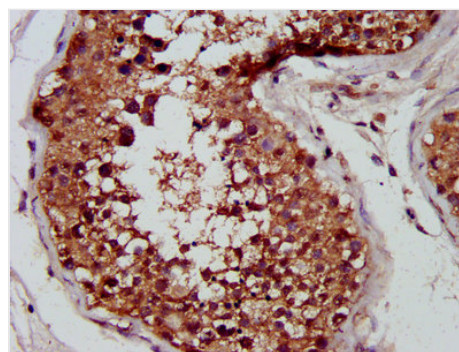
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	273
Applicable Applications for anti-CUTC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Copper homeostasis protein cutC homolog protein (1-64AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



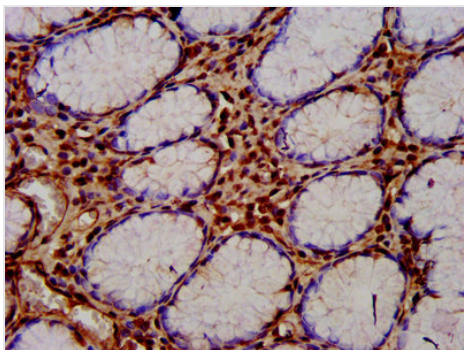
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234704 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234704 diluted at 1:400 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234704 diluted at 1:400 and staining in paraffin-embedded human gastric cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-CUTC antibody	May play a role in copper homeostasis. Can bind one Cu(1+) per subunit.
Product Categories/Family for anti-CUTC antibody	Metabolism ; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	148596990
NCBI GeneID	51076
NCBI Accession #	NP_057044.2
NCBI GenBank Nucleotide #	NM_015960.2
UniProt Accession #	Q9NTM9; Q5TCZ8; Q9Y321
Molecular Weight	29,341 Da
NCBI Official Full Name	copper homeostasis protein cutC homolog
NCBI Official Synonym Full Names	cutC copper transporter
NCBI Official Symbol	CUTC
NCBI Official Synonym Symbols	CGI-32
NCBI Protein Information	copper homeostasis protein cutC homolog
UniProt Protein Name	Copper homeostasis protein cutC homolog
UniProt Gene Name	CUTC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cutc-antibody-immunofluorescence-immunohistochemistry-elisa/234704>