

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

COT antibody

CATALOG # AAA307466	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

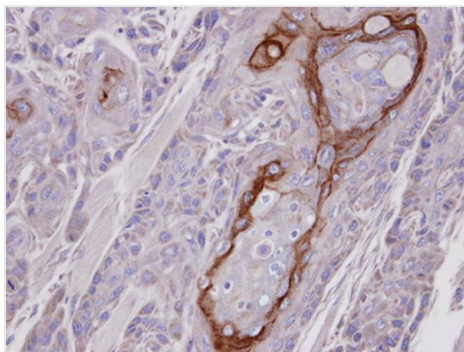
PRODUCT SYNONYMS

COT; Polyclonal Antibody; COT antibody; anti-COT antibody

PRODUCT SPECIFICATIONS

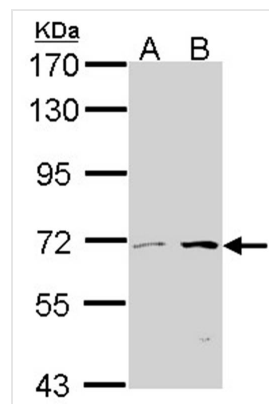
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	612
Applicable Applications for anti-COT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 140 and 432 of COT
Target Name	COT
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Ca922 xenograft, using CROT antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: 293T B: A431 7.5% SDS PAGE COT antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-COT antibody	This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein converts 4,8-dimethylnonanoyl-CoA to its corresponding carnitine ester. This transesterification occurs in the peroxisome and is necessary for transport of medium- and long- chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-COT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542325
NCBI GeneID	54677
NCBI Accession #	NP_066974
NCBI GenBank Nucleotide #	NM_021151.3
Molecular Weight	73,383 Da
NCBI Official Full Name	peroxisomal carnitine O-octanoyltransferase isoform 2
NCBI Official Synonym Full Names	carnitine O-octanoyltransferase
NCBI Official Symbol	CROT
NCBI Official Synonym Symbols	COT
NCBI Protein Information	peroxisomal carnitine O-octanoyltransferase
UniProt Protein Name	Peroxisomal carnitine O-octanoyltransferase
UniProt Gene Name	CROT
UniProt Synonym Gene Names	COT; COT
UniProt Entry Name	OCTC_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cot-antibody-immunohistochemistry-western-blot-elisa/307466>