

Rabbit anti-Human COA1 Polyclonal Antibody | anti-COA1 antibody

COA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229550	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

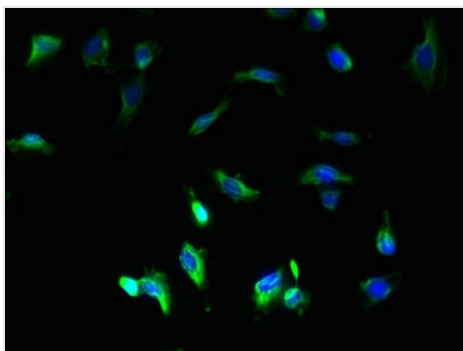
PRODUCT SYNONYMS

COA1; Polyclonal Antibody; COA1 Antibody; Cytochrome c oxidase assembly factor 1 homolog; Mitochondrial translation regulation assembly intermediate of cytochrome c oxidase protein of 15 kDa; C7orf44; MITRAC15; anti-COA1 antibody

PRODUCT SPECIFICATIONS

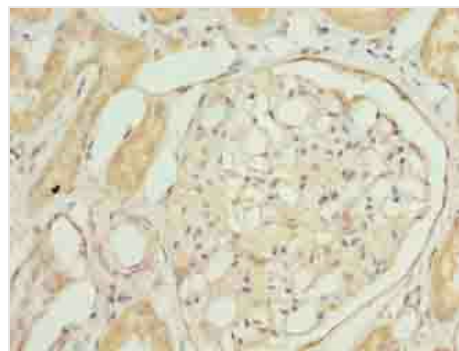
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	146
Applicable Applications for anti-COA1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Cytochrome c oxidase assembly factor 1 homolog protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-242255
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



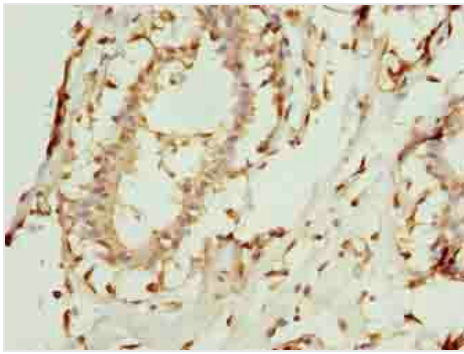
IHC (Immunohistochemistry)

Immunofluorescent analysis of U251 cells using AAA229550 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA229550 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA229550 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-COA1 antibody	Component of some MITRAC complex, a cytochrome c oxidase (COX) assembly intermediate complex that regulates COX assembly. MITRAC complexes regulate both translation of mitochondrial encoded components and assembly of nuclear-encoded components imported in mitochondrion. Required for assembly of mitochondrial respiratory chain complex I and complex IV.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	90855771
NCBI GeneID	55744
NCBI Accession #	NP_060694.2
NCBI GenBank Nucleotide #	NM_018224.3
UniProt Accession #	Q9GZY4; Q9HAB7; Q9NVD2; A6NJU8; A8KAH8
Molecular Weight	16,694 Da
NCBI Official Full Name	cytochrome c oxidase assembly factor 1 homolog
NCBI Official Synonym Full Names	cytochrome c oxidase assembly factor 1 homolog
NCBI Official Symbol	COA1
NCBI Official Synonym Symbols	C7orf44; MITRAC15
NCBI Protein Information	cytochrome c oxidase assembly factor 1 homolog
UniProt Protein Name	Cytochrome c oxidase assembly factor 1 homolog
UniProt Gene Name	COA1
UniProt Synonym Gene Names	C7orf44; MITRAC15
UniProt Entry Name	COA1_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.