

Rabbit anti-Human Peptidyl-tRNA hydrolase ICT1 Polyclonal Antibody | anti-ICT1 antibody

Rabbit anti-human Peptidyl-tRNA hydrolase ICT1, mitochondrial polyclonal Antibody

CATALOG # AAA118004	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Peptidyl-tRNA hydrolase ICT1; Polyclonal Antibody; Rabbit anti-human Peptidyl-tRNA hydrolase ICT1; mitochondrial polyclonal Antibody; 9S ribosomal protein L58; mitochondrial; MRP-L58; Digestion substraction 1; DS-1; Immature colon carcinoma transcript 1 protein; anti-ICT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	229
Applicable Applications for anti-ICT1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Peptidyl-tRNA hydrolase ICT1, mitochondrial protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-164630
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



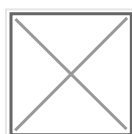
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human melanoma cancer using AAA118004 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA118004 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Peptidyl-tRNA hydrolase ICT1, mitochondrial antibody at 2ug/mL
Lane 1: A549 whole cell lysate
Lane 2: K562 whole cell lysate
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 24kDa
Observed band size: 24kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ICT1 antibody	Essential peptidyl-tRNA hydrolase component of the mitochondrial large ribosomal subunit. Acts as a codon-independent translation release factor that has lost all stop codon specificity and directs the termination of translation in mitochondrion, possibly in case of abortive elongation. May be involved in the hydrolysis of peptidyl-tRNAs that have been prematurely terminated and thus in the recycling of stalled mitochondrial ribosomes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	737676317
NCBI GeneID	3396
NCBI Accession #	NP_001290194.1
NCBI GenBank Nucleotide #	NM_001303265.1
UniProt Accession #	Q14197; Q53HM7; Q53Y11; B2RAD1
Molecular Weight	23,630 Da
NCBI Official Full Name	peptidyl-tRNA hydrolase ICT1, mitochondrial isoform 2
NCBI Official Synonym Full Names	immature colon carcinoma transcript 1
NCBI Official Symbol	ICT1
NCBI Official Synonym Symbols	DS1; DS-1; MRP-L58
NCBI Protein Information	peptidyl-tRNA hydrolase ICT1, mitochondrial
UniProt Protein Name	Peptidyl-tRNA hydrolase ICT1, mitochondrial
UniProt Gene Name	ICT1
UniProt Synonym Gene Names	DS1; MRP-L58; DS-1
UniProt Entry Name	ICT1_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.