

Anti-ICT1 Antibody (C-term)

Catalog Number: A31846-1

About MRPL58

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.

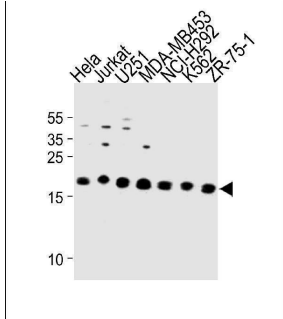
Overview

Product Name	Anti-ICT1 Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-ICT1 Antibody (C-term) (Catalog # A31846-1). Tested in IHC-P, WB application(s). This antibody reacts with Human.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14197

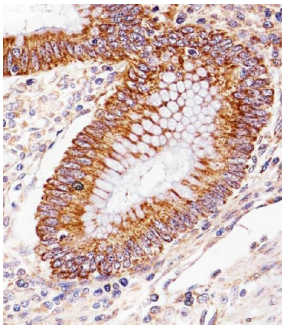
Technical Details

Immunogen	This ICT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 153-179 amino acids from the C-terminal region of human ICT1.
Predicted Reactive Species	Bovine, Chicken, Mouse, Pig, Rat, Zebrafish
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:25

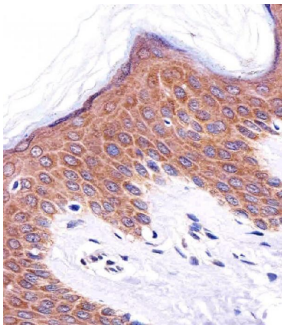
Anti-ICT1 Antibody (C-term) (A31846-1) Images



ICT1 Antibody (C-term) western blot analysis in HeLa, Jurkat, U251, MDA-MB453, NCI-H292, K562, ZR-75-1 cell line lysates (35ug/lane). This demonstrates the ICT1 antibody detected the ICT1 protein (arrow).



Immunohistochemical analysis of paraffin-embedded H. colorectal carcinoma section using ICT1 Antibody (C-term). A31846-1 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H. skin section using ICT1 Antibody (C-term). A31846-1 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

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Anti-ICT1 Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.