

Peptidyl-tRNA hydrolase ICT1, mitochondrial Polyclonal Antibody

Catalog No: #42645

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

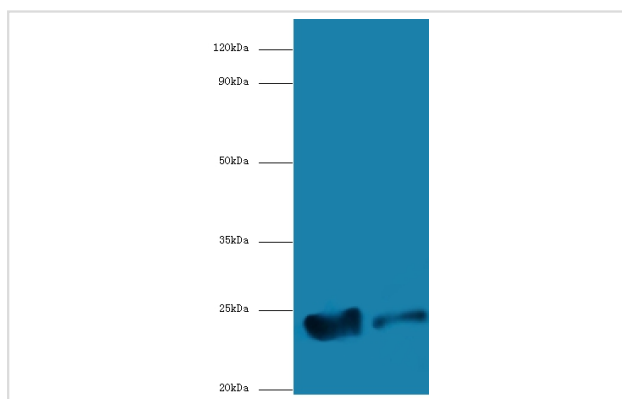
Description

Product Name	Peptidyl-tRNA hydrolase ICT1, mitochondrial Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Peptidyl-tRNA hydrolase ICT1, mitochondrial polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Peptidyl-tRNA hydrolase ICT1, mitochondrial protein
Target Name	Peptidyl-tRNA hydrolase ICT1, mitochondrial
Other Names	9S ribosomal protein L58, mitochondrial, MRP-L58, Digestion substraction 1, DS-1, Immature colon carcinoma transcript 1 protein
Accession No.	Swiss-Prot#: Q14197
Uniprot	Q14197
GeneID	3396;
Calculated MW	24kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Images



All 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

Background

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.

References

[1]"Identification and characterization of CHCHD1, AURKAIP1, and CRIF1 as new members of the mammalian mitochondrial ribosome."Koc E.C., Cimen H., Kumcuoglu B., Abu N., Akpinar G., Haque M.E., Spremulli L.L., Koc H.Front. Physiol. 4:183-183(2013). [2]"In

Note: This product is for in vitro research use only