

Peptidyl-tRNA hydrolase ICT1, mitochondrial Polyclonal Conjugated Antibody



Catalog No: #C42645

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Package Size: #C42645-AF350 100ul #C42645-AF405 100ul #C42645-AF488 100ul

#C42645-AF555 100ul #C42645-AF594 100ul #C42645-AF647 100ul

#C42645-AF680 100ul #C42645-AF750 100ul #C42645-Biotin 100ul

Description

Product Name	Peptidyl-tRNA hydrolase ICT1, mitochondrial Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Peptidyl-tRNA hydrolase ICT1, mitochondrial polyclonal antibody.
Immunogen Description	Recombinant human Peptidyl-tRNA hydrolase ICT1, mitochondrial protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	9S ribosomal protein L58, mitochondrial,MRP-L58,Digestion subtraction 1,DS-1,Immature colon carcinoma transcript 1 protein
Accession No.	Swiss-Prot#:Q14197
Uniprot	Q14197
GeneID	3396;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	24
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only