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Datasheet for ABIN7115186 **anti-ICT1 antibody**

Overview

Quantity:	100 µg
Target:	ICT1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	immature colon carcinoma transcript 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ICT1
Alternative Name:	ICT1 (ICT1 Products)
Background:	Synonyms: Digestion subtraction 1, DS 1, DS1, ICT1 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

Target Details

involved in the hydrolysis of peptidyl-tRNAs that have been prematurely terminated and thus in the recycling of stalled mitochondrial ribosomes. This antibody is a rabbit polyclonal antibody raised against a full-length human ICT1 protein

Molecular Weight: 20kd

Gene ID: 3396

UniProt: [Q14197](#)

Application Details

Application Notes: WB: 1:500-1:1000, IP: 1:200-1:1000, IF: 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months