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Datasheet for ABIN7115187 **anti-ICT1 antibody**

Overview

Quantity:	100 µg
Target:	ICT1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

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 substraction 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 involved in the hydrolysis of peptidyl-tRNAs that have been prematurely terminated and thus in

Target Details

	the recycling of stalled mitochondrial ribosomes. This antibody is a rabbit polyclonal antibody raised against a full-length human ICT1 protein
Molecular Weight:	21-24 kDa
UniProt:	Q14197

Application Details

Application Notes:	WB: 1:200-1:2000, IHC: 1:20-1:200, IF: 1:20-1:200
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