Datasheet for ABIN6942731 anti-CTU2 antibody (AA 301-400) (Cy3)

-online.com antibodies



Overview

Quantity:	100 µL
Target:	CTU2
Binding Specificity:	AA 301-400
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTU2 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CTU2/C16orf84
Isotype:	lgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Horse
Purification:	Purified by Protein A.
Target Details	
Target:	CTU2
Alternative Name:	CTU2 (CTU2 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN6942731 | 03/08/2024 | Copyright antibodies-online. All rights reserved.

Target Details

Background:	Synonyms: C16orf84, ctu2, CTU2_HUMAN, Cytoplasmic tRNA 2-thiolation protein 2, cytosolic
	thiouridylase subunit 2 homolog (S. pombe), NCS2, PF0432.
	Background: CTU2 is a 515 amino acid cytoplasmic protein that plays a role in the 2-thiolation
	of mcm(5)S(2)U at wobble positions of tRNA. CTU2 forms a complex with CTU1 and Urm1, and
	may also form a separate heterodimer with CTU1 to ligate sulfur from thiocarboxylated Urm1
	onto tRNA. Existing as three alternatively spliced isoforms, the gene encoding CTU2 maps to
	human chromosome 16q24.3. Chromosome 16 encodes over 900 genes and comprises nearly
	3 % of the human genome. The GAN gene is located on chromosome 16 and, with mutation,
	may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing
	malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with
	chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.
Gene ID:	348180
UniProt:	Q2VPK5

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/2 | Product datasheet for ABIN6942731 | 03/08/2024 | Copyright antibodies-online. All rights reserved.