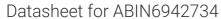
antibodies -online.com





anti-CTU2 antibody (AA 301-400) (Cy7)



Go to Product page

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Quantity:	100 μL
Target:	CTU2
Binding Specificity:	AA 301-400
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTU2 antibody is conjugated to Cy7
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:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	CTU2
Alternative Name:	CTU2 (CTU2 Products)

Target Details

Storage Comment:

Expiry Date:

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		

12 months

Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.