antibodies -online.com







anti-CROT antibody (AA 201-275)



Image



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Quantity:	100 μL
Target:	CROT
Binding Specificity:	AA 201-275
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CROT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

1 Todast Details		
Immunogen:	KLH conjugated synthetic peptide derived from human CROT/COT	
Isotype:	IgG	
Cross-Reactivity:	Rat	
Predicted Reactivity:	Human,Mouse,Pig,Horse,Rabbit	
Purification:	Purified by Protein A.	
Target Details		

rarget Details

Target: CROT

Target Details

rarget Details		
Alternative Name:	Crot (CROT Products)	
Background:	Synonyms: Carnitine O octanoyltransferase, COT, CROT, OCTC_HUMAN, Peroxisomal carnitine	
	acyltransferase, Peroxisomal carnitine O octanoyltransferase, Peroxisomal carnitine O-	
	octanoyltransferase.	
	Background: This gene encodes a member of the carnitine/choline acetyltransferase family.	
	The encoded protein converts 4,8-dimethylnonanoyl-CoA to its corresponding carnitine ester.	
	This transesterification occurs in the peroxisome and is necessary for transport of medium-	
	and long- chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The	
	protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced	
	transcript variants have been described.	
Gene ID:	54677	
Pathways:	Monocarboxylic Acid Catabolic Process	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	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:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C	

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images

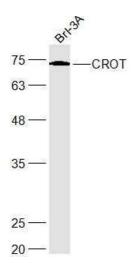


Image 1. BrI-3A lysates probed with CROT Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.