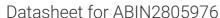
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anti-C14orf166 antibody (AA 151-244) (Alexa Fluor 594)



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Quantity:	100 μL	
Target:	C14orf166	
Binding Specificity:	AA 151-244	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This C14orf166 antibody is conjugated to Alexa Fluor 594	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RLLM1/C14orf166	
Isotype:	IgG	
Cross-Reactivity:	Human	
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Chicken,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	C14orf166	
Alternative Name:	RLLM1 (C14orf166 Products)	

Target Details

Background:	Synonyms: CGI 99, CGI99, CLE, Homeobox prox 1, RLLM1, Chromosome 14 open reading		
	frame 166, CLE7, LCRP369, RLL mot containing 1, CN166_HUMAN.		
	Background: CGI-99 is a 244 amino acid protein that localizes to the nucleus, as well as to the		
	cytoplasm, and belongs to the UPF0568 family. Expressed in a variety of tissues with		
	particularly high levels in heart and skeletal muscle, CGI-99 functions as a homodimer that		
	interacts with Ninein and is thought to regulate Ninein function. CGI-99 is overexpressed in		
	brain tumor tissue, suggesting a role in tumor development and metastasis. The gene encoding		
	CGI-99 maps to human chromosome 14, which houses over 700 genes and comprises nearly		
	3.5% of the human genome. Chromosome 14 encodes the presinilin 1 (PSEN1) gene, which is		
	one of the three key genes associated with the development of Alzheimer's disease (AD). The		
	SERPINA1 gene is also located on chromosome 14 and, when defective, leads to the genetic		
	disorder ?-antitrypsin deficiency, which is characterized by severe lung complications and liver		
	dysfunction.		
Gene ID:	51637		
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		