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Datasheet for ABIN913757

## anti-C14orf166 antibody (AA 151-244) (Alexa Fluor 350)

### Overview

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 350
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 ( <a href="#">C14orf166 Products</a> )

## Target Details

Background:	<p>Synonyms: CGI 99, CGI99, CLE, Homeobox prox 1, RLLM1, Chromosome 14 open reading frame 166, CLE7, LCRP369, RLL mot containing 1, CN166_HUMAN.</p> <p>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 presenilin 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 <math>\alpha</math>-antitrypsin deficiency, which is characterized by severe lung complications and liver dysfunction.</p>
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Gene ID:	51637
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## 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