Datasheet for ABIN1697371

anti-C1orf85 antibody (AA 51-150) (Alexa Fluor 555)

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Overview

Quantity:	100 µL
Target:	C1orf85 (C1ORF85)
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C1orf85 antibody is conjugated to Alexa Fluor 555
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 C1orf85
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	C1orf85 (C1ORF85)
Alternative Name:	C1orf85 (C1ORF85 Products)
Background:	Synonyms: C1orf85, Chromosome 1 open reading frame 85, Lysosomal protein NCU-G1,

Target Details

	NCUG1_HUMAN, PSEC0030, UNQ2553/PRO6182. Background: C1orf85, also known as Lysosomal protein NCU-G1, is a 406 amino acid single-pass membrane protein that is highly glycosylated on its amino-terminal end. Transcription of the gene encoding C1orf85 is activated by TFEB, a transcription factor that specifically recognizes and binds E-box sequences. There are two isoforms of C1orf85 that are produced as a result of alternative splicing events. The C1orf85 maps to human chromosome 1, the largest human chromosome spanning about 260 million base pairs and making up 8 % of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1.
Gene ID:	112770

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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months