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Datasheet for ABIN1700996 anti-C1orf85 antibody (AA 51-150) (Biotin)



Overview

Quantity:	100 µL	
Target:	C1orf85 (C10RF85)	
Binding Specificity:	AA 51-150	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This C1orf85 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), ELISA	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C1orf85	
Isotype:	lgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse	
Purification:	Purified by Protein A.	
Target Details		
Target:	C1orf85 (C10RF85)	
Alternative Name:	C1orf85 (C10RF85 Products)	
Background:	Synonyms: C1orf85, Chromosome 1 open reading frame 85, Lysosomal protein NCU-G1,	

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NCUG1_HUMAN, PSEC0030, UNQ2553/PRO6182.

Background: C1orf85, also known as Lysosomal protein NCU-G1, is a 406 amino acid singlepass 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

WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500
For Research Use only
Liquid
1 μg/μL
Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
50 % Glycerol.
ProClin
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
handled by trained staff only.
-20 °C

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 Storage Comment:
 Store at -20°C for 12 months.

Expiry Date:

12 months

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