SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C1orf43 antibody

Catalog Number: SL15066R

FOR RESEARCH USE ONLY

[DATASHEET]

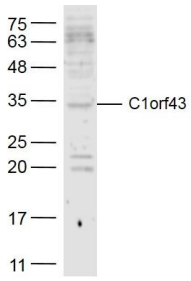
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C1orf43
Immunogen:	KLH conjugated synthetic peptide derived from human C1orf43 : 11-100/253
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	29kDa
Subcellular Location:	The nucleus
Background:	C1orf43, also known as Hepatitis C virus NS5A-transactivated protein 4 and Protein NICE-3, is a 253 amino acid single-pass membrane protein. There are five isoforms of C1orf43 that are produced as a result of alternative splicing events. The gene encoding C1orf43 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,

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

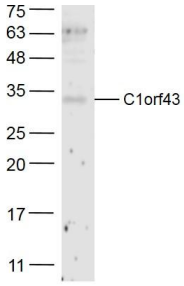
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	Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. **Subcellular Location:** Membrane; Single-pass membrane protein (Potential). **Database links:** **Entrez Gene:** 25912 Human **SwissProt:** Q9BWL3 human

[VALIDATION IMAGES]



Sample:
MCF-7(Human) Cell Lysate at 40 ug
Primary: Anti- C1orf43 (SL15066R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 29 kD
Observed band size: 29 kD



Sample:
Hela(Human) Cell Lysate at 40 ug
Primary: Anti- C1orf43 (SL15066R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 29 kD
Observed band size: 29 kD

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