

## Datasheet for ABIN1387167 **anti-C1orf51 antibody**



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### Overview

|              |                                                                                                                                                 |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                                          |
| Target:      | C1orf51                                                                                                                                         |
| Reactivity:  | Human, Mouse, Rat                                                                                                                               |
| Host:        | Rabbit                                                                                                                                          |
| Clonality:   | Polyclonal                                                                                                                                      |
| Conjugate:   | This C1orf51 antibody is un-conjugated                                                                                                          |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human C1orf51 |
| Isotype:          | IgG                                                         |
| Cross-Reactivity: | Human, Mouse, Rat                                           |
| Purification:     | Purified by Protein A.                                      |

### Target Details

|                   |                                                                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | C1orf51                                                                                                                                                                                                                                            |
| Alternative Name: | C1orf51 ( <a href="#">C1orf51 Products</a> )                                                                                                                                                                                                       |
| Background:       | Synonyms: C1orf51, CA051_HUMAN, FLJ25889, Uncharacterized protein C1orf51.<br>Background: Chromosome 1 is 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 |

## Target Details

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. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma. The C1orf51 gene product has been provisionally designated C1orf51 pending further characterization. There are two isoforms of C1orf51 that are produced as a result of alternative splicing events.

Gene ID: 148523

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months