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Datasheet for ABIN1701099

anti-Chromosome 1 Open Reading Frame 190 (C1orf190) (AA 51-150) antibody (Biotin)

Overview

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| Quantity: | 100 µL |
| Target: | Chromosome 1 Open Reading Frame 190 (C1orf190) |
| Binding Specificity: | AA 51-150 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | Biotin |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human C1ORF190 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Dog,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | Chromosome 1 Open Reading Frame 190 (C1orf190) |
| Alternative Name: | C1ORF190 (C1orf190 Products) |

Target Details

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| Background: | <p>Synonyms: FLJ25163, Hypothetical protein LOC541468, Uncharacterized protein C1orf190, LURA1_HUMAN.</p> <p>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 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 C1orf190 gene product has been provisionally designated C1orf190 pending further characterization.</p> |
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| Gene ID: | 541468 |
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Application Details

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| Application Notes: | <p>WB 1:300-5000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> |
| Restrictions: | For Research Use only |

Handling

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| 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. |

Handling

Storage: -20 °C

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

Expiry Date: 12 months