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## Datasheet for ABIN1704722 anti-Chromosome 1 Open Reading Frame 190 (C1orf190) (AA 51-150) antibody (Cy5)



Overview

| Quantity:            | 100 μL   |
|----------------------|--|
| Target:              | Chromosome 1 Open Reading Frame 190 (C1orf190)   |
| Binding Specificity: | AA 51-150  |
| Reactivity:          | Mouse  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | Cy5  |
| 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 C10RF190 |
|-----------------------|--|
| Isotype:              | lgG  |
| Cross-Reactivity:     | Mouse  |
| Predicted Reactivity: | Human,Rat,Dog,Pig,Horse,Rabbit                               |
| Purification:         | Purified by Protein A.                                       |
| Target Details        |  |
| Target:               | Chromosome 1 Open Reading Frame 190 (C1orf190)               |
| Alternative Name:     | C1orf190 (C1orf190 Products)                                 |

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| Target Details      |  |  |
|---------------------|--|--|
| Background:         | Synonyms: FLJ25163, Hypothetical protein LOC541468, Uncharacterized protein C1orf190, LURA1_HUMAN.                 |  |
|                     | 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.  |  |
| Gene ID:            | 541468   |  |
| 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. |  |
|                     |  |  |

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