

Datasheet for ABIN1405641

**anti-C12ORF61 antibody (AbBy Fluor® 350)**[Go to Product page](#)

## Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                          |
| Target:      | C12ORF61                                                                        |
| Reactivity:  | Human                                                                           |
| Host:        | Rabbit                                                                          |
| Clonality:   | Polyclonal                                                                      |
| Conjugate:   | This C12ORF61 antibody is conjugated to AbBy Fluor® 350                         |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human C12ORF61 |
| Isotype:          | IgG                                                          |
| Cross-Reactivity: | Human                                                        |
| Purification:     | Purified by Protein A.                                       |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | C12ORF61                                                                                                                                                                                                                                                                                                                                                            |
| Alternative Name: | C12ORF61 ( <a href="#">C12ORF61 Products</a> )                                                                                                                                                                                                                                                                                                                      |
| Background:       | <p>Synonyms: C12orf61, CL061_HUMAN, Putative uncharacterized protein C12orf61.</p> <p>Background: Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5 % of the human genome. A number of skeletal deformities are linked to chromosome 12 including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome,</p> |

## Target Details

which includes heart and facial developmental defects among the primary symptoms, is caused by a mutant form of PTPN11 gene product, SH-PTP2. Chromosome 12 is also home to a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Trisomy 12p leads to facial development defects, seizure disorders and a host of other symptoms varying in severity depending on the extent of mosaicism and is most severe in cases of complete trisomy. The C12orf61 gene product has been provisionally designated C12orf61 pending further characterization.

Gene ID: 283416

## Application Details

Application Notes: IF(IHC-P) 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.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months