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Datasheet for ABIN1397802

## anti-C12ORF23 antibody (AA 68-116) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	C12ORF23
Binding Specificity:	AA 68-116
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C12ORF23 antibody is conjugated to Alexa Fluor 350
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C12orf23
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	C12ORF23
Alternative Name:	C12orf23 ( <a href="#">C12ORF23 Products</a> )
Background:	Synonyms: C12orf23, Chromosome 12 open reading frame 23, CL023_HUMAN, MGC17943,

## Target Details

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UPF0444 transmembrane protein C12orf23.

Background: C12orf23 (chromosome 12 open reading frame 23), also known as FLJ11721, FLJ13959 or MGC17943, is a 116 amino acid multi-pass membrane protein belonging to the UPF0444 family. C12orf23 is encoded by a gene located on human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5 % of the human genome.

Chromosome 12 is associated with a number of skeletal deformities, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, 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.

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Gene ID: 90488

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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

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## Handling

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Expiry Date: 12 months