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Datasheet for ABIN1694448

## anti-C2ORF16 antibody (AA 1901-1984) (Alexa Fluor 488)

### Overview

Quantity:	100 µL
Target:	C2ORF16
Binding Specificity:	AA 1901-1984
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C2ORF16 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C2orf16
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	C2ORF16
Alternative Name:	C2orf16 ( <a href="#">C2ORF16 Products</a> )
Background:	Synonyms: Uncharacterized protein C2orf16, C2orf16

## Target Details

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Background: C2orf16 (chromosome 2 open reading frame 16), also known as DKFZp434G118 or DKFZp781D2023, is a 1,984 amino acid protein encoded by a gene that maps to human chromosome 2p23.3. As the second largest human chromosome, chromosome 2 makes up approximately 8 % of the human genome and contains 237 million bases encoding over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome, is related to mutations in the ALMS1 gene. Chromosome 2 contains a probable vestigial second centromere as well as vestigial telomeres, which gives credence to the hypothesis that human chromosome 2 formed as a result of an ancient fusion of two ancestral chromosomes, which are still present in modern day apes.

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Gene ID: 84226

UniProt: [Q68DN1](#)

## 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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Expiry Date: 12 months