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Datasheet for ABIN1701001

**anti-C2ORF61 antibody (AA 21-120) (Biotin)**

## Overview

Quantity:	100 µL
Target:	C2ORF61
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C2ORF61 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C2orf61
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	C2ORF61
Alternative Name:	C2orf61 ( <a href="#">C2ORF61 Products</a> )
Background:	Synonyms: CCDC113, Chromosome 2 open reading frame 61, Coiled-coil domain-containing

## Target Details

protein 113 Gene names, DKFZp434N1418, HSPC065, Uncharacterized protein C2orf61, CB061\_HUMAN.

Background: C2orf61 (chromosome 2 open reading frame 61), also known as FLJ40172, is a 177 amino acid protein encoded by a gene that maps to human chromosome 2p21. 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.

Gene ID: 285051

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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 for 12 months.

Expiry Date: 12 months