



[Go to Product page](#)

Datasheet for ABIN1387955  
**anti-ZC2HC1C antibody**

### Overview

Quantity:	100 µL
Target:	ZC2HC1C
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZC2HC1C antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C14ORF140/FAM164C
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	ZC2HC1C
Alternative Name:	C14ORF140 ( <a href="#">ZC2HC1C Products</a> )
Background:	Synonyms: chromosome 14 open reading frame 140, FAM164C, family with sequence similarity 164 member C, FLJ23093, UPF0418 protein FAM164C, ZC21C_HUMAN. Background: Chromosome 14 contains about 700 genes and 106 million base pairs and makes

## Target Details

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up about 3.5 % of human cellular DNA. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease. The SERPINA1 gene is located on chromosome 14 and when defective leads to the genetic disorder  $\alpha$ -antitrypsin deficiency. This disorder is characterized by severe lung complications and liver dysfunction. Notably, the immunoglobulin heavy chain locus is found on chromosome 14 and has been identified as a fusion with the chromosome 19 encoded protein BCL3 in the (14,19) translocations found in a variety of B cell malignancies. The C14orf140 gene product has been provisionally designated C14orf140 pending further characterization.

## Application Details

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Application Notes:           WB 1:300-5000  
                                      IHC-P 1:200-400  
                                      IF(IHC-P) 1:50-200

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Restrictions:                 For Research Use only

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## Handling

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Format:                        Liquid

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Concentration:               1  $\mu$ g/ $\mu$ L

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Buffer:                        0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:                      4 °C, -20 °C

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Storage Comment:          Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date:                 12 months

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