

[Go to Product page](#)

Datasheet for ABIN1714950

**anti-Chromosome 15 Open Reading Frame 58 (C15orf58) (AA 301-385) antibody**

## Overview

Quantity:	100 µL
Target:	Chromosome 15 Open Reading Frame 58 (C15orf58)
Binding Specificity:	AA 301-385
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GDPGP1/C15orf58
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	Chromosome 15 Open Reading Frame 58 (C15orf58)
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## Target Details

Alternative Name: GDPGP1/C15orf58 ([C15orf58 Products](#))

Background: Synonyms: C15orf58, Chromosome 15 open reading frame 58, GDP-D-glucose phosphorylase 1, GDP-D-glucose phosphorylase C15orf58, gdpgp1, GDPP1\_HUMAN, VTC2.

Background: Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and is about 3 % of the human genome. Angelman and Prader-Willi syndromes are associated with loss of function or deletion of genes in the 15q11-q13 region. In the case of Angelman syndrome, this loss is due to inactivity of the maternal 15q11-q13 encoded UBE3A gene in the brain by either chromosomal deletion or mutation. In cases of Prader-Willi syndrome, there is a partial or complete deletion of this region from the paternal copy of chromosome 15. Tay-Sachs disease is a lethal disorder associated with mutations of the HEXA gene, which is encoded by chromosome 15. Marfan syndrome is associated with chromosome 15 through the FBN1 gene. The LOC390637 gene product has been provisionally designated LOC390637 pending further characterization.

Gene ID: 390637

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

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	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months