

Datasheet for ABIN7166300  
**anti-WNT4 antibody (AA 23-351)**

## 4 Images

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## Overview

Quantity:	100 µg
Target:	WNT4
Binding Specificity:	AA 23-351
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human Protein Wnt-4 protein (23-351AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	WNT4
Alternative Name:	WNT4 ( <a href="#">WNT4 Products</a> )
Background:	Background: Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of

## Target Details

discrete regions of tissues. Is likely to signal over only few cell diameters (By similarity).  
Overexpression may be associated with abnormal proliferation in human breast tissue.  
Aliases: MGC123964 antibody, Protein Wnt-4 antibody, RP23-246F18.1 antibody, SERKAL antibody, Wingless type MMTV integration site family member 4 precursor antibody, WNT 4 antibody, WNT 4 protein precursor antibody, WNT4 antibody, WNT4\_HUMAN antibody

UniProt: [P56705](#)

Pathways: [WNT Signaling](#), [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#), [Cell-Cell Junction Organization](#), [Tube Formation](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

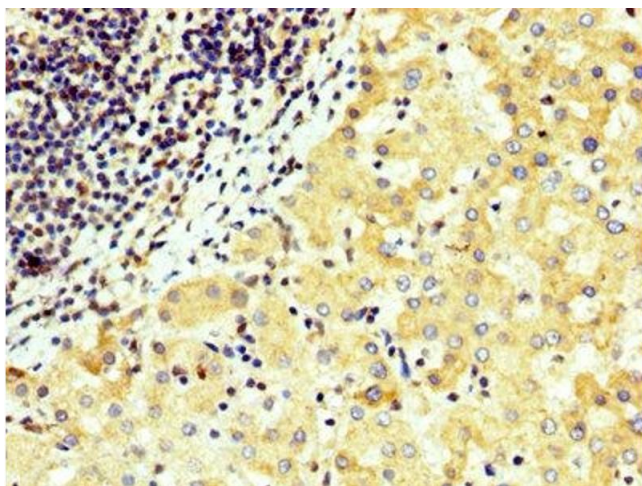
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

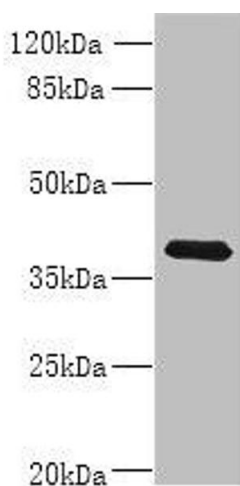
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



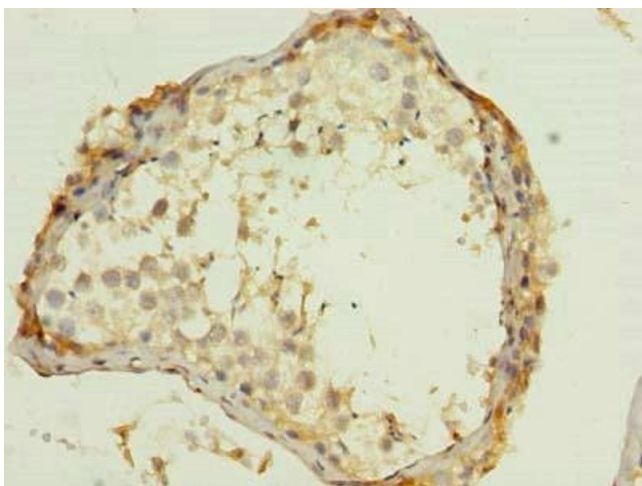
#### Immunohistochemistry

**Image 1.** IHC image of ABIN7166300 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Western Blotting

**Image 2.** Western blot All lanes: WNT4 antibody at 8 µg/mL + MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 40, 33 kDa Observed band size: 40 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7166300 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7166300.