

Datasheet for ABIN184715
anti-WNT4 antibody (Internal Region)

4 Images

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Overview

Quantity:	100 µg
Target:	WNT4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This WNT4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	WNT4
Immunogen:	Peptide with sequence C-SNWLYLAKLSSVGS, from the internal region of the protein sequence according to NP_110388.2.
Sequence:	SNWLYLAKLS SVGS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

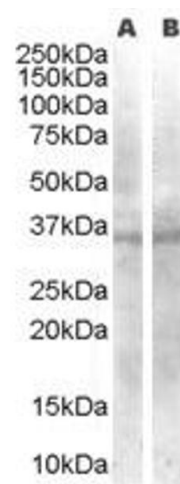
Target:	WNT4
Alternative Name:	WNT4 (WNT4 Products)
Background:	WNT4, wingless-type MMTV integration site family, member 4, WNT-4, WNT-4 protein precursor, RP1-224A6.7, SERKAL, WNT-4 protein
Gene ID:	54361, 22417
NCBI Accession:	NP_110388
Pathways:	WNT Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Cell-Cell Junction Organization , Tube Formation

Application Details

Application Notes:	Western Blot: Approx 40+35 kDa band observed in lysates of cell line Jurkat (calculated MW of 39.1 kDa according to NP_110388.2). Recommended concentration: 1-3 µg/mL. Primary incubation 1 hour at room temperature. Negative Control: U937 Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the vesicles of HeLa and MCF7 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

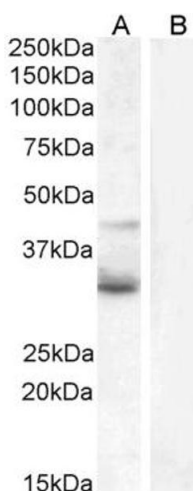
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



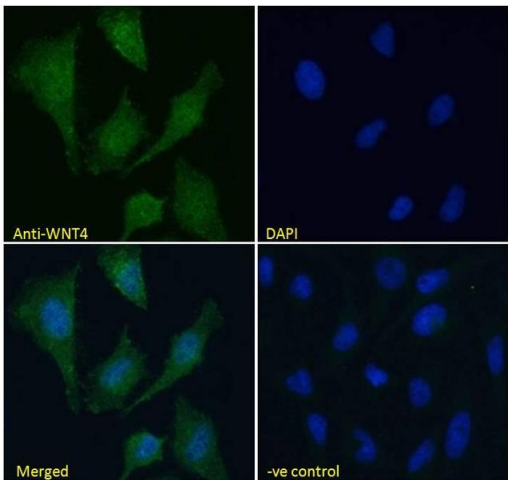
Western Blotting

Image 1. ABIN184715 staining (0.03 ug/ml) of a) Human Ovary and b) Human Testis (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 2. ABIN184715 (1µg/ml) staining of Jurkat (A) and negative control U937 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunofluorescence

Image 3. ABIN184715 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN184715.