

Datasheet for ABIN3029632
anti-WNT4 antibody (AA 242-269)

5 Images

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Overview

Quantity:	0.4 mL
Target:	WNT4
Binding Specificity:	AA 242-269
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 242-269 from the human protein was used as the immunogen for this WNT4 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Purified

Target Details

Target:	WNT4
Alternative Name:	WNT4 (WNT4 Products)
Background:	Ligand for members of the frizzled family of seven transmembrane receptors. Probable

Target Details

developmental protein. May be a signaling molecule which affects the development of 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. [UniProt]

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: Titration of the WNT4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,FACS: 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

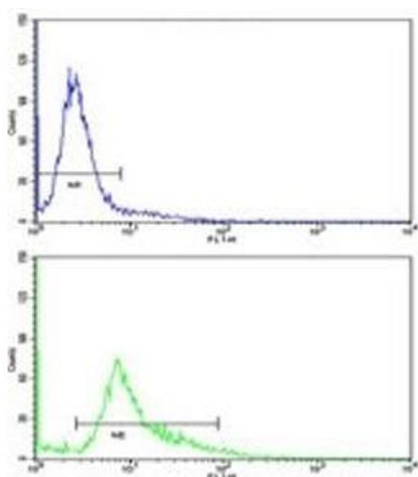
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

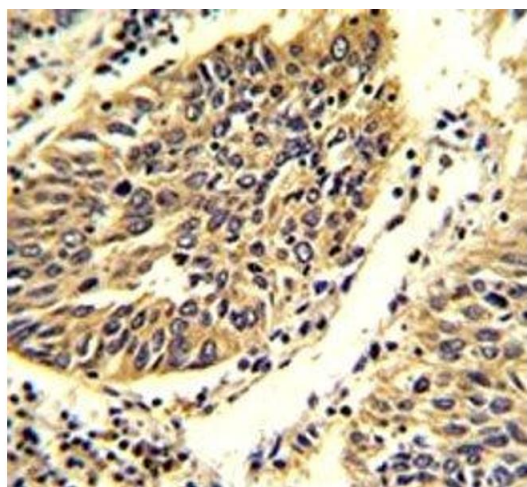
Storage: -20 °C

Storage Comment: Aliquot the WNT4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Flow Cytometry

Image 1. Flow cytometric analysis of 293 cells using WNT4 antibody (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunohistochemistry

Image 2. IHC analysis of FFPE human lung carcinoma stained with WNT4 antibody.



Western Blotting

Image 3. Western blot analysis of WNT4 antibody and 293 lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029632.