

Datasheet for ABIN3029634
anti-WNT5A antibody (AA 185-213)



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5 Images

Overview

Quantity:	0.2 mL
Target:	WNT5A
Binding Specificity:	AA 185-213
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 185-213 from the human protein was used as the immunogen for this WNT5A antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Rabbit
Purification:	Antigen affinity purified

Target Details

Target:	WNT5A
Alternative Name:	WNT5A (WNT5A Products)
Background:	The WNT gene family consists of structurally related genes which encode secreted signaling

Target Details

proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 98 % , 98 % and 87 % amino acid identity to the mouse, rat and the xenopus Wnt5A protein, respectively. The experiments performed in Xenopus laevis embryos identified that human frizzled-5 (hFz5) is the receptor for the Wnt5A ligand and the Wnt5A/hFz5 signaling mediates axis induction. [provided by RefSeq].

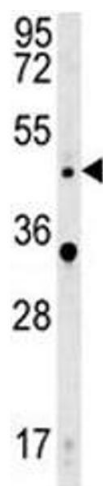
UniProt:	P41221
Pathways:	WNT Signaling , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Regulation of Cell Size , Tube Formation

Application Details

Application Notes:	Titration of the WNT5A antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

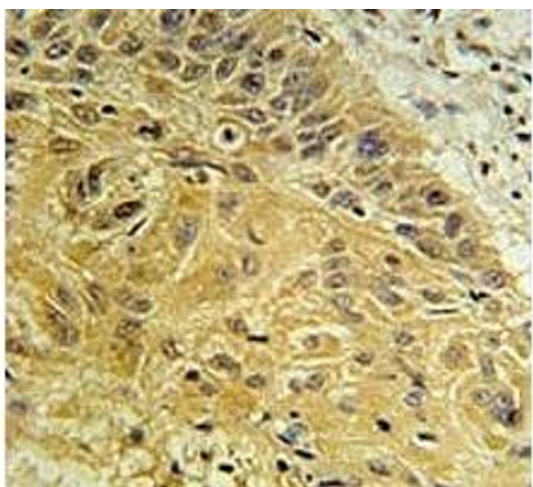
Handling

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 WNT5A antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



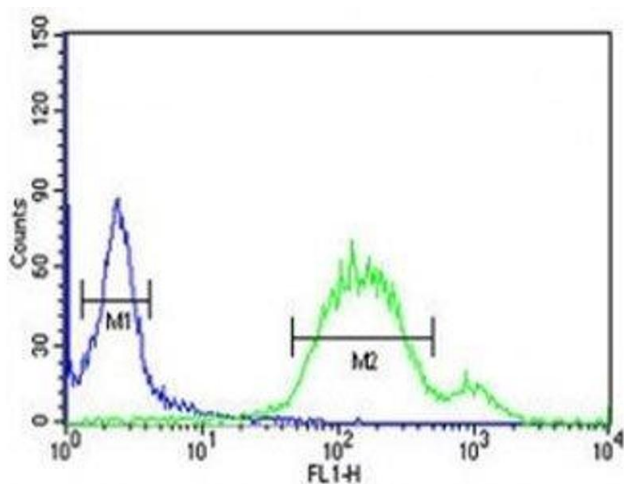
Western Blotting

Image 1. WNT5A antibody western blot analysis in HeLa lysate. Expected molecular weight ~41 kDa.



Immunohistochemistry

Image 2. WNT5A antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma.



Flow Cytometry

Image 3. WNT5A antibody flow cytometric analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029634.