

Datasheet for ABIN5651127

**anti-WNT5A antibody (AA 200-300) (Biotin)**[Go to Product page](#)**2** Images

## Overview

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Quantity:            | 100 µg                                            |
| Target:              | WNT5A                                             |
| Binding Specificity: | AA 200-300                                        |
| Reactivity:          | Human                                             |
| Host:                | Rabbit                                            |
| Clonality:           | Polyclonal                                        |
| Conjugate:           | This WNT5A antibody is conjugated to Biotin       |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

|               |                                                                                                |
|---------------|------------------------------------------------------------------------------------------------|
| Immunogen:    | Synthetic peptide of Human Wnt5a (200-300 aa), conjugated to Keyhole Limpet Haemocyanin (KLH). |
| Specificity:  | Detects 42.3 kDa, 35 kDa. 35 kDa band is another isoform.                                      |
| Purification: | Peptide Affinity Purified                                                                      |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | WNT5A                                    |
| Alternative Name: | Wnt5a ( <a href="#">WNT5A Products</a> ) |
| Gene ID:          | 7474                                     |
| NCBI Accession:   | <a href="#">NP_001243034</a>             |

## Target Details

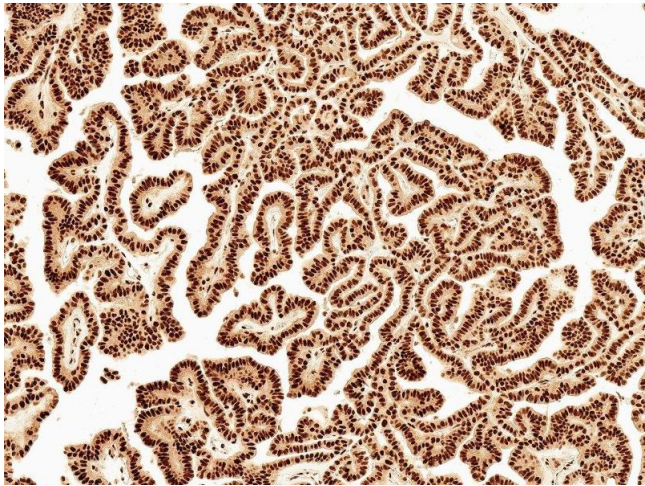
|           |                                                                                                                                                                                                                                                                                                                     |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt:  | <a href="#">P41221</a>                                                                                                                                                                                                                                                                                              |
| Pathways: | <a href="#">WNT Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Tube Formation</a> |

## Application Details

|                    |                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | <ul style="list-style-type: none"><li>• WB (1:1000)</li><li>• IHC (1:50)</li><li>• optimal dilutions for assays should be determined by the user.</li></ul>                                     |
| Comment:           | A 1:1000 dilution of ABIN5651127 was sufficient for detection of Wnt5a in 10 µg of human HeLa cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody. |
| Restrictions:      | For Research Use only                                                                                                                                                                           |

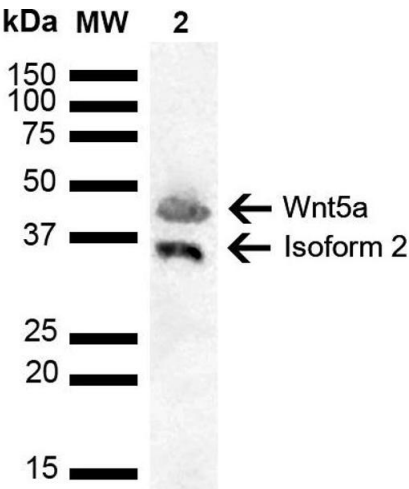
## Handling

|                    |                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                  |
| Concentration:     | 1 mg/mL                                                                                                                 |
| Buffer:            | PBS pH 7.4, 50 % glycerol, 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                                                                                                                  |



### Immunohistochemistry

**Image 1.** Immunohistochemistry analysis using Rabbit Anti-Wnt5a Polyclonal Antibody (ABIN5651127). Tissue: Thyroid Carcinoma. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-Wnt5a Polyclonal Antibody (ABIN5651127) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.



### Western Blotting

**Image 2.** Western blot analysis of Human Cervical cancer cell line (HeLa) lysate showing detection of ~42.3 kDa Wnt5a protein using Rabbit Anti-Wnt5a Polyclonal Antibody (ABIN5651127). Lane 1: Molecular Weight Ladder (MW). Lane 2: Cervical Cancer cell line (HeLa) lysate. Load: 10 µg. Block: 5 % Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-Wnt5a Polyclonal Antibody (ABIN5651127) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit HRP:IgG at 1:4000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: ~42.3 kDa. Other Band(s): ~35 kDa isoform 2.