

Datasheet for ABIN2459042

**anti-WNT6 antibody**[Go to Product page](#)**1** Image

## Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 100 µL                              |
| Target:      | WNT6                                |
| Reactivity:  | Human, Mouse, Rat                   |
| Host:        | Rabbit                              |
| Clonality:   | Polyclonal                          |
| Conjugate:   | This WNT6 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA        |

## Product Details

|               |                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------|
| Immunogen:    | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human WNT6. |
| Purification: | Antibody is purified by peptide affinity chromatography method.                                       |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | WNT6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Alternative Name: | WNT6 ( <a href="#">WNT6 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Background:       | <p>The WNT family consists of several secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT6 is overexpressed in cervical cancer cell line and strongly coexpressed with another family member, WNT10A, in colorectal cancer cell line.</p> <p>The WNT6 protein overexpression may play key roles in carcinogenesis. The WNT gene family</p> |

## Target Details

consists of structurally related genes which encode secreted signaling 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 is overexpressed in cervical cancer cell line and strongly coexpressed with another family member, WNT10A, in colorectal cancer cell line. The gene overexpression may play key roles in carcinogenesis. This gene and the WNT10A gene are clustered in the chromosome 2q35 region. The protein encoded by this gene is 97% identical to the mouse Wnt6 protein at the amino acid level.

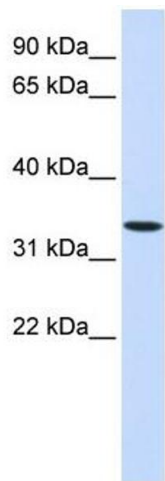
|                   |                                               |
|-------------------|-----------------------------------------------|
| Molecular Weight: | 37 kDa                                        |
| Gene ID:          | 7475                                          |
| NCBI Accession:   | <a href="#">NP_006513</a>                     |
| UniProt:          | <a href="#">Q9Y6F9</a>                        |
| Pathways:         | <a href="#">WNT Signaling, Tube Formation</a> |

## Application Details

|                    |                                                                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | WNT6 antibody can be used for detection of WNT6 by ELISA at 1:312500. WNT6 antibody can be used for detection of WNT6 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                         |

## Handling

|                  |                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                      |
| Reconstitution:  | Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.                                           |
| Concentration:   | 1 mg/mL                                                                                                          |
| Buffer:          | Antibody is lyophilized in PBS buffer with 2 % sucrose.                                                          |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles.                                                            |
| Storage:         | 4 °C/-20 °C                                                                                                      |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store WNT6 antibody at -20 °C. |



**Western Blotting**

**Image 1.**