

Datasheet for ABIN6243296  
**anti-WNT4 antibody (AA 30-351)**



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1 Image

## Overview

Quantity:	200 µL
Target:	WNT4
Binding Specificity:	AA 30-351
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This WNT4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This WNT4 antibody is generated from a mouse immunized with a recombinant protein between 30-351 amino acids from human WNT4.
Clone:	1698CT540-169-185
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	WNT4
Alternative Name:	WNT4 ( <a href="#">WNT4 Products</a> )
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.

Molecular Weight: 39052

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: WB: 1:4000

Restrictions: For Research Use only

## Handling

Format: Liquid

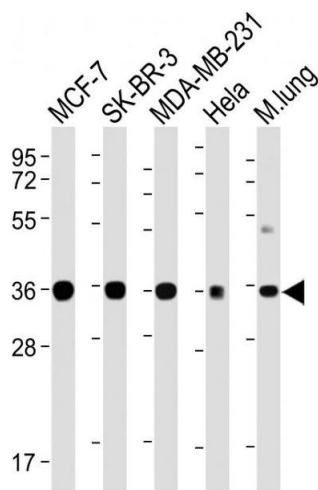
Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

**Image 1.** All lanes : Anti-WNT4 Antibody at 1:4000 dilution  
Lane 1: MCF-7 whole cell lysate Lane 2: SK-BR-3 whole cell lysate Lane 3: MDA-MB-231 whole cell lysate Lane 4: HeLa whole cell lysate Lane 5: Mouse lung lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.