

Datasheet for ABIN6242959  
**anti-WNK1 antibody (AA 1848-1882)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	WNK1
Binding Specificity:	AA 1848-1882
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNK1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This WNK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1848-1882 amino acids from human WNK1.
Clone:	RB56242
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	WNK1
Alternative Name:	WNK1 ( <a href="#">WNK1 Products</a> )
Background:	Serine/threonine kinase which plays an important role in the regulation of electrolyte

## Target Details

homeostasis, cell signaling, survival, and proliferation. Acts as an activator and inhibitor of sodium-coupled chloride cotransporters and potassium-coupled chloride cotransporters respectively. Activates SCNN1A, SCNN1B, SCNN1D and SGK1. Controls sodium and chloride ion transport by inhibiting the activity of WNK4, by either phosphorylating the kinase or via an interaction between WNK4 and the autoinhibitory domain of WNK1. WNK4 regulates the activity of the thiazide- sensitive Na-Cl cotransporter, SLC12A3, by phosphorylation. WNK1 may also play a role in actin cytoskeletal reorganization. Phosphorylates NEDD4L.

Molecular Weight: 250794

UniProt: [Q9H4A3](#)

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

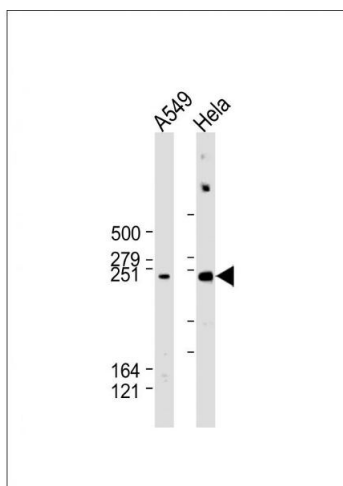
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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-WNK1 Antibody (C-Term) at 1:2000 dilution Lane 1: A549 whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 251 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.