

## WNK3 Antibody

Catalog No: #43190

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## Description

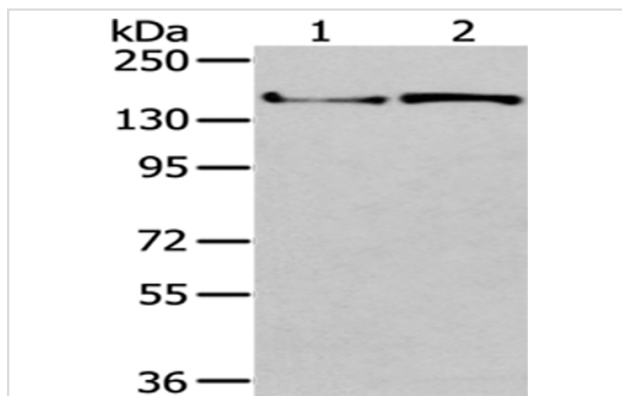
Product Name	WNK3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total WNK3 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human WNK3
Target Name	WNK3
Other Names	PRKWNK3
Accession No.	Swiss-Prot#: Q9BYP7 Gene ID: 65267
Uniprot	Q9BYP7
GeneID	65267;
Calculated MW	198kd
Concentration	0.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:30-1:150

## Images



Gel: 6%SDS-PAGE

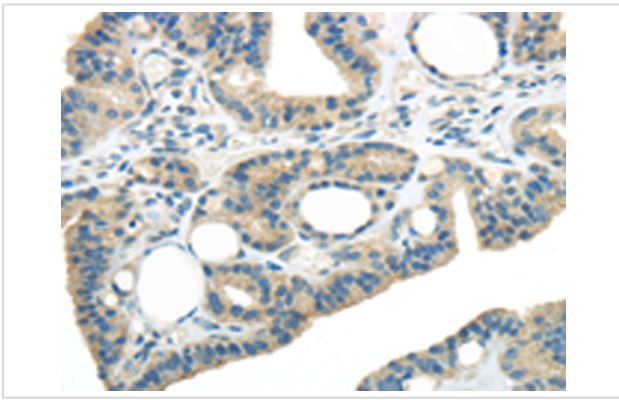
Lysate: 40 µg

Lane 1-2: MCF7 cells, 293T cells,

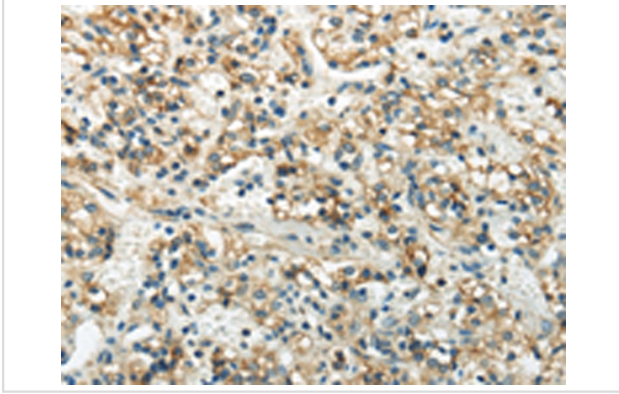
Primary antibody: 1/200 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #43190 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #43190 at dilution 1/20.

## Background

This gene encodes a protein belonging to the 'with no lysine' family of serine-threonine protein kinases. These family members lack the catalytic lysine in subdomain II, and instead have a conserved lysine in subdomain I. This family member functions as a positive regulator of the transcellular Ca<sup>2+</sup> transport pathway, and it plays a role in the increase of cell survival in a caspase-3-dependent pathway. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only