

WNK3 Antibody

Catalog No: #37129

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Description

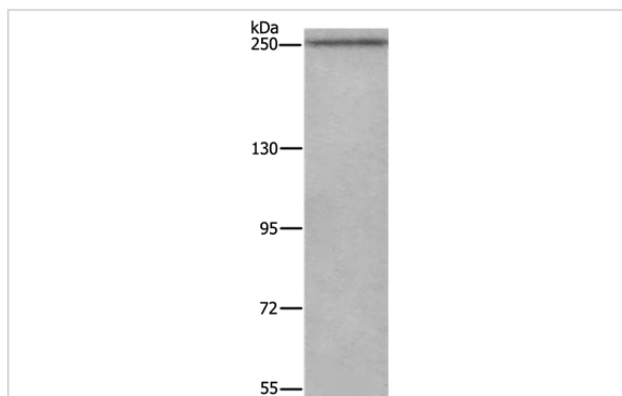
Product Name	WNK3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total WNK3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human WNK lysine deficient protein kinase 3
Target Name	WNK3
Other Names	PRKWINK3
Accession No.	Swiss-Prot#: Q9BYP7NCBI Gene ID: 65267Gene Accssion: NP_065973
Uniprot	Q9BYP7
GeneID	65267;
SDS-PAGE MW	198kd
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

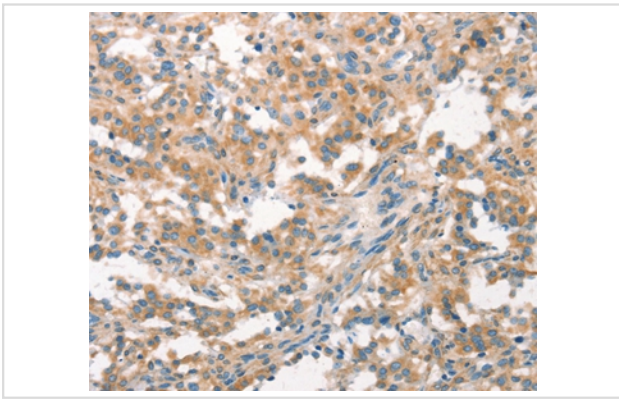
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 6%SDS-PAGE
Lysate: 40ug Hela cell
Primary antibody: 1/300 dilution
Secondary antibody dilution: 1/8000
Exposure time: 10 minutes



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37129 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^{2+} 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