

Product datasheet for **TA351944**

WNK3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: MCF7 and 293T cells IHC: 10-50 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human WNK3
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	198 kDa
Gene Name:	WNK lysine deficient protein kinase 3
Database Link:	NP_065973 Entrez Gene 279561 Mouse Entrez Gene 65267 Human Q9BYP7

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 Ca²⁺ 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.

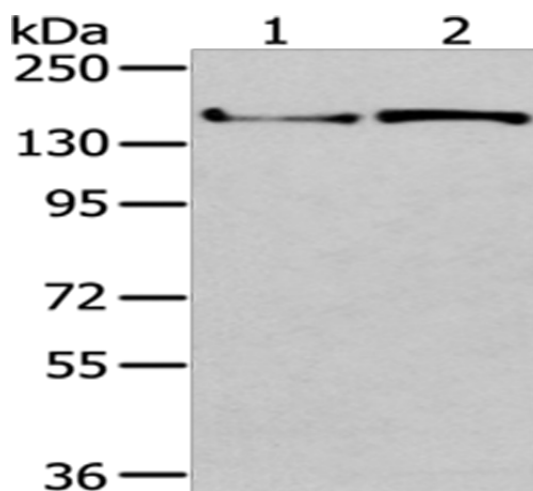


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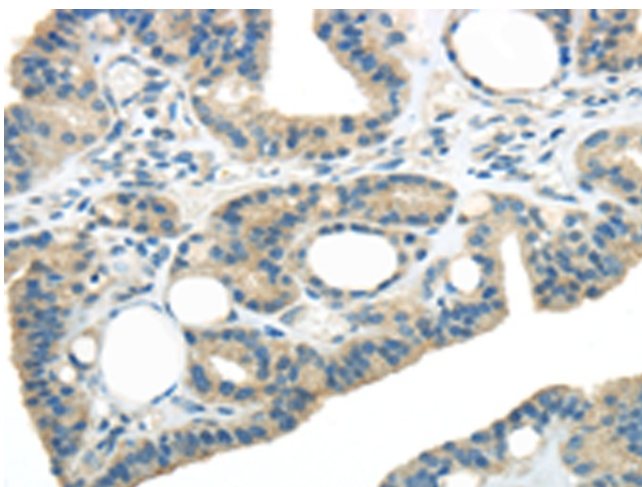
Synonyms: PRKWNK3

Protein Families: Druggable Genome, Protein Kinase

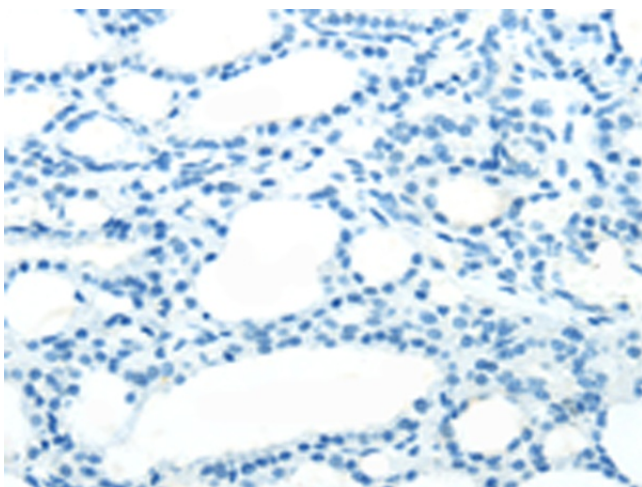
Product images:



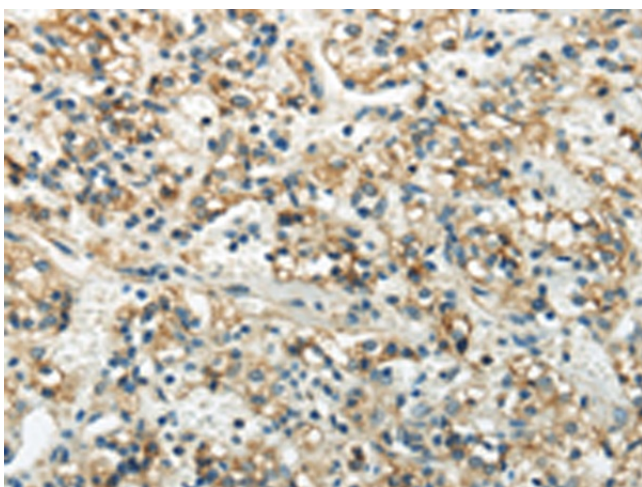
Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: MCF7 cells
293T cells
Primary antibody: TA351944 (WNK3 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes



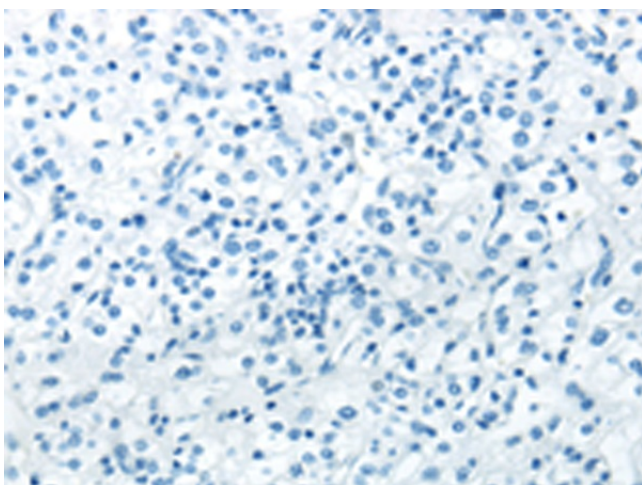
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351944 (WNK3 Antibody) at dilution 1/20 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351944 (WNK3 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351944 (WNK3 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351944 (WNK3 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)