

Rabbit WNK1 Monoclonal Antibody | anti-WNK1 antibody

WNK1 Antibody

CATALOG # AAA312661	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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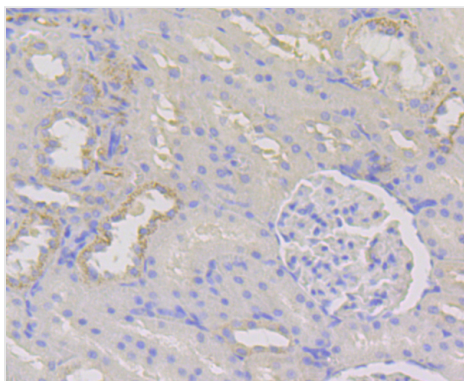
PRODUCT SYNONYMS

WNK1; Monoclonal Antibody; WNK1 Antibody; Erythrocyte 65 kDa protein antibody; HSN2 antibody; HSN2 antibody; hWNK1 antibody; KDP antibody; KIAA0344 antibody; Kinase deficient protein antibody; MGC163339 antibody; MGC163341 antibody; p65 antibody; PPP1R167 antibody; PRKWNK1 antibody; Prostate derived sterile 20 like kinase antibody; Protein kinase lysine deficient 1 antibody; Protein kinase lysine-deficient 1 antibody; Protein kinase with no lysine 1 antibody; Protein phosphatase 1; regulatory subunit 167 antibody; PSK antibody; Serine/threonine protein kinase WNK1 1 antibody; Serine/threonine protein kinase WNK1 2 antibody; Serine/threonine protein kinase WNK1 antibody; Serine/threonine-protein kinase WNK1 antibody; With no K antibody; WNK lysine deficient protein kinase 1 antibody; WNK lysine deficient protein kinase 1 isoform antibody; WNK1 antibody; WNK1_HUMAN antibody; anti-WNK1 antibody

PRODUCT SPECIFICATIONS

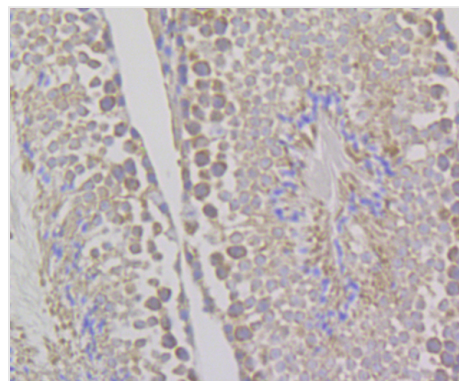
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG36-91
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-WNK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic peptide within Human WNK1 aa 100-200 (Cysteine residue).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



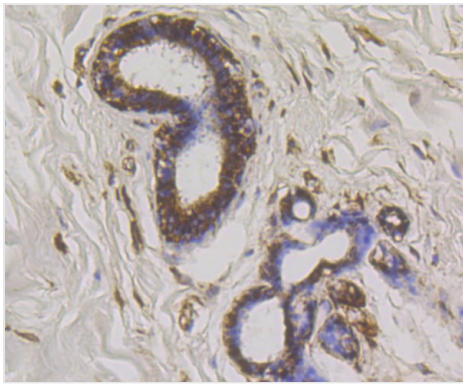
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-WNK1 antibody. Counter stained with hematoxylin.



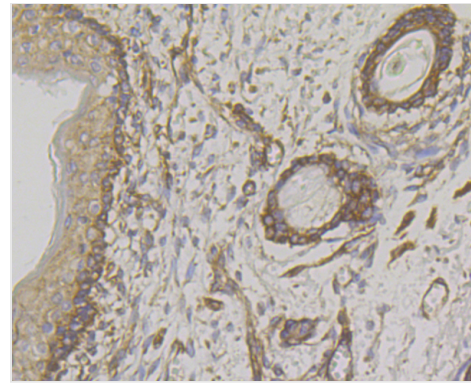
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-WNK1 antibody. Counter stained with hematoxylin.



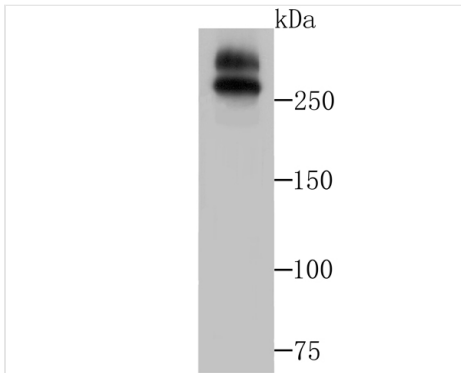
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-WNK1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-WNK1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of WNK1 on A549 cell lysates using anti-WNK1 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-WNK1 antibody

Serine/threonine kinase which plays an important role in the regulation of electrolyte 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. Acts as a scaffold to inhibit SLC4A4, SLC26A6 as well as CFTR activities and surface expression, recruits STK39 which mediates the inhibition.

Product Categories/Family for anti-WNK1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	296939600
NCBI GeneID	65125
NCBI Accession #	NP_001171914.1
NCBI GenBank Nucleotide #	NM_001184985.1
UniProt Accession #	Q9H4A3; O15052; P54963; Q4VBX9; Q6IFS5; Q86WL5; Q8N673; Q9P1S9; A1L4B0; C5HTZ5; C5HTZ6; C5HTZ7
Molecular Weight	250,794 Da
NCBI Official Full Name	serine/threonine-protein kinase WNK1 isoform 4
NCBI Official Synonym Full Names	WNK lysine deficient protein kinase 1

NCBI Official Symbol	WNK1
NCBI Official Synonym Symbols	KDP; PSK; p65; HSN2; HSN2; PRKWNK1
NCBI Protein Information	serine/threonine-protein kinase WNK1; erythrocyte 65 kDa protein; protein kinase with no lysine 1; prostate-derived sterile 20-like kinase; WNK lysine deficient protein kinase 1 isoform
UniProt Protein Name	Serine/threonine-protein kinase WNK1
UniProt Gene Name	WNK1
UniProt Synonym Gene Names	HSN2; KDP; KIAA0344; PRKWNK1; p65; hWNK1
UniProt Entry Name	WNK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/wnk1-antibody-clone-jg36-91-immunohistochemistry-western-blot-elisa/312661>