

Rabbit WNK1 Polyclonal Antibody | anti-WNK1 antibody

WKN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322456	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

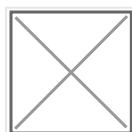
PRODUCT SYNONYMS

WNK1; Polyclonal Antibody; WNK1 Antibody; Erythrocyte 65 kDa protein; HSN2; HSN2; hWNK1; KDP; KIAA0344; Kinase deficient protein; MGC163339; MGC163341; p65; PPP1R167; PRKWKN1; Prostate derived sterile 20 like kinase; Protein kinase lysine deficient 1; Protein kinase lysine-deficient 1; Protein kinase with no lysine 1; Protein phosphatase 1; regulatory subunit 167; PSK; Serine/threonine protein kinase WNK1 1; Serine/threonine protein kinase WNK1 2; Serine/threonine protein kinase WNK1; Serine/threonine-protein kinase WNK1; With no K; WNK lysine deficient protein kinase 1; WNK lysine deficient protein kinase 1 isoform; WNK1_HUMAN; anti-WNK1 antibody

PRODUCT SPECIFICATIONS

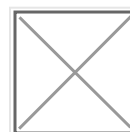
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	WNK1 antibody detects endogenous levels of total WNK1
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	2642
Applicable Applications for anti-WNK1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human WNK1, corresponding to a region within N-terminal amino acids.
RRID	AB_2835163
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA322456 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of WNK1 expression in EGF treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA322456 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-WNK1 antibody	Description: WNK1 a serine-threonine protein kinase that controls sodium and chloride ion transport. May regulate the activity of the thiazide-sensitive Na-Cl cotransporter SLC12A3 by phosphorylation. May also play a role in actin cytoskeletal reorganization.
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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; A1L4B0; C5HTZ5; C5HTZ6; C5HTZ7; H6WZW3
Molecular Weight	230 kDa
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; PPP1R167
NCBI Protein Information	serine/threonine-protein kinase WNK1
UniProt Protein Name	Serine/threonine-protein kinase WNK1
UniProt Gene Name	WNK1
UniProt Synonym Gene Names	HSN21 PublicationManual assertion based on opinion iniRef.11; hWNK1

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/polyclonal/wnk1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322456>