

WNK1 Antibody | anti-WNK1 antibody

WNK1 (Phospho-Thr58) Antibody

CATALOG # AAA267371	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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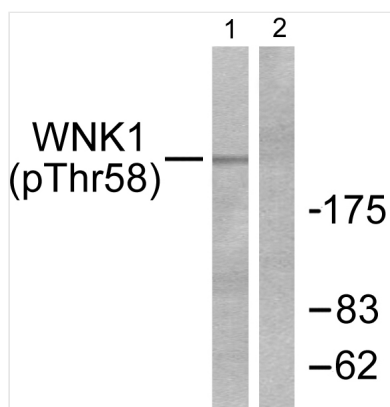
PRODUCT SYNONYMS

WNK1; WNK1 (Phospho-Thr58) Antibody; WNK lysine deficient protein kinase 1; KDP; PRKWINK1 PROTEIN KINASE LYSINE-DEFICIENT 1; anti-WNK1 antibody

PRODUCT SPECIFICATIONS

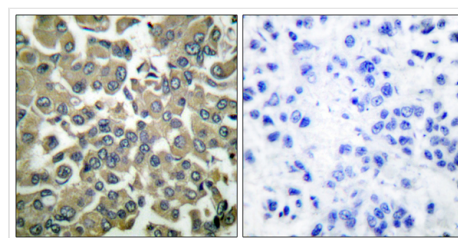
Reactivity	Human, Mouse, Rat
Specificity	WNK1 (Phospho-Thr58) antibody detects endogenous levels of WNK1 only when phosphorylated at threonine 58.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2642
Applicable Applications for anti-WNK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human WNK1 around the phosphorylation site of threonine 58 (R-H-TP-M-D).
All Sites	Human: Thr60 Mouse: Thr58 Rat: Thr58
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 293 cells treated with EGF (200ng/ml, 30mins), using WNK1 (Phospho-Thr58) antibody (#A0093).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using WNK1 (Phospho-Thr58) antibody (#A0093).

ADDITIONAL INFORMATION

References	Diana Pacheco-Alvarez, J. Biol. Chem., Sep 2006; 281: 28755-28763. Henrik Dimke, Am J Physiol Renal Physiol, Feb 2007; 292: F723-F735.
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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	299,725 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; 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	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/human-mouse-rat-antibody/wnk1/267371>