

Rabbit anti-Human WNK3 (PRKWKNK3) Polyclonal Antibody | anti-WNK3 antibody

WNK3 (PRKWKNK3) Antibody (C-term)

CATALOG # AAA288794	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

WNK3 (PRKWKNK3); Polyclonal Antibody; WNK3 (PRKWKNK3) Antibody (C-term); Serine/threonine-protein kinase WNK3; Protein kinase lysine-deficient 3; Protein kinase with no lysine 3; WNK3; KIAA1566; PRKWKNK3; anti-WNK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WNK3 (PRKWKNK3) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1586-1616 amino acids from the C-terminal region of human WNK3 (PRKWKNK3).
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	1586-1616
Sequence Length	1743
Applicable Applications for anti-WNK3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

WNK3 (PRKWKNK3) Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of WNK3 (PRKWKNK3) Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PRKWKNK3 Antibody western blot analysis in uterus tumor cell line lysates (35ug/lane). This demonstrates the PRKWKNK3 antibody detected the PRKWKNK3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-WNK3 antibody	Members of the 'with no lysine' (WNK) kinase family, such as WNK3, are serine-threonine protein kinases that lack the almost invariant catalytic lysine in subdomain II, which is important for binding ATP in the catalytic site. Instead, these kinases have a conserved lysine in subdomain I that is thought to provide this function (Holden et al., 2004 [PubMed 15194194]).[supplied by OMIM]
Product Categories/Family for anti-WNK3 antibody	Signal Transduction
References	Verissimo, F., et al., Oncogene 20(39):5562-5569 (2001). Nagase, T., et al., DNA Res. 7(4):273-281 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	50845416
NCBI GeneID	65267
NCBI Accession #	NP_001002838.1; NP_065973.2
NCBI GenBank Nucleotide #	NM_001002838.3
UniProt Accession #	Q9BYP7; Q5JRC1; Q6JP76; Q8TCX6; Q9HCK6; B1AKG2
Molecular Weight	198416
NCBI Official Full Name	serine/threonine-protein kinase WNK3 isoform 2
NCBI Official Synonym Full Names	WNK lysine deficient protein kinase 3
NCBI Official Symbol	WNK3
NCBI Official Synonym Symbols	PRKWNK3
NCBI Protein Information	serine/threonine-protein kinase WNK3
UniProt Protein Name	Serine/threonine-protein kinase WNK3
UniProt Gene Name	WNK3
UniProt Synonym Gene Names	KIAA1566; PRKWNK3
UniProt Entry Name	WNK3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/wnk3-prkwkn3-antibody-immunohistochemistry-western-blot-elisa/288794>