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anti-WNK3 antibody (N-Term)

2 Images



Overview	
Quantity:	100 μL
Target:	WNK3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNK3 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human WNK3
Sequence:	WVEDPKKLKG KHKDNEAIEF SFNLETDTPE EVAYEMVKSG FFHESDSKAV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against WNK3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	WNK3

Target Details

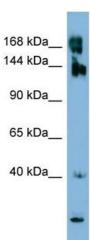
Alternative Name:	WNK3 (WNK3 Products)
Background:	Members of the 'with no lysine' (WNK) kinase family, such as WNK3, are serine-threonine
	protein kinases that lack the almost invariant catalytic lysine in subdomain II, which is
	important for binding ATP in the catalytic site. Instead, these kinases have
	Alias Symbols: KIAA1566, PRKWNK3
	Protein Interaction Partner: Slc12a3, Nedd4l, KLHL3, KLHL2, UBC,
	Protein Size: 1743
Molecular Weight:	192 kDa
Gene ID:	65267
NCBI Accession:	NM_001002838, NP_001002838
UniProt:	Q9BYP7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1743 AA
Restrictions:	For Research Use only

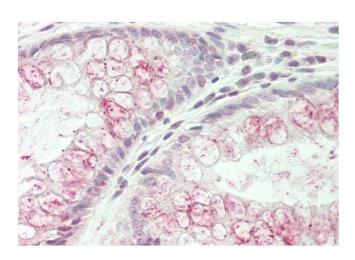
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-WNK3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:2500 Positive Control: ACHN cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-WNK3 antibody Formalin Fixed Paraffin Embedded Tissue: Human Colon Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec