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anti-WNK1 antibody (AA 1954-2231)





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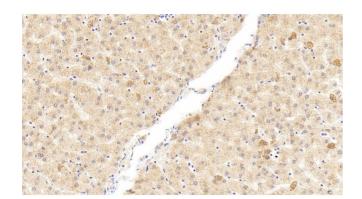
Quantity:	100 μL	
Target:	WNK1	
Binding Specificity:	AA 1954-2231	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This WNK1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Purpose:	Polyclonal Antibody to WNK Lysine Deficient Protein Kinase 1 (WNK1)	
Immunogen:	Recombinant WNK Lysine Deficient Protein Kinase 1 (WNK1) corresdonding to Lys1954~Ala2231 with N-terminal His Tag	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against WNK1. It has been selected for its ability to recognize WNK1 in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Pig	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

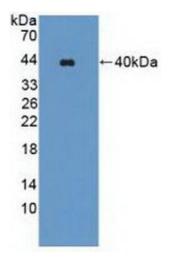
Target Details

Target:	WNK1	
Alternative Name:	WNK Lysine Deficient Protein Kinase 1 (WNK1 Products)	
Background:	HSN2, KDP, PHA2C, PRKWNK1, HSAN2, Protein Kinase, Lysine Deficient 1, Hereditary Sensory	
	Neuropathy, Type II, Erythrocyte 65 kDa protein, Kinase deficient protein	
Application Details		
Application Notes:	Western blotting: 0.5-2 μg/mL	
	Immunohistochemistry: 5-20 μg/mL	
	Immunocytochemistry: 5-20 μg/mL	
	Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated	
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without	
	detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	



Immunohistochemistry

Image 1. Detection of WNK1 in Human Liver Tissue using Polyclonal Antibody to WNK Lysine Deficient Protein Kinase 1 (WNK1)



Western Blotting

Image 2. Detection of Recombinant WNK1, Human using Polyclonal Antibody to WNK Lysine Deficient Protein Kinase 1 (WNK1)