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Datasheet for ABIN701472

anti-WNK1 antibody (AA 1601-1750) (Biotin)

Overview

Quantity:	100 µL
Target:	WNK1
Binding Specificity:	AA 1601-1750
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNK1 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human WNK1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	WNK1
Alternative Name:	WNK1 (WNK1 Products)

Target Details

Background: Synonyms: Erythrocyte 65 kDa protein, HSN2, HSN2, hWNK1, KDP, KIAA0344, Kinase deficient protein, MGC163339, MGC163341, p65, PRKWNK1, Prostate derived sterile 20 like kinase, Protein kinase lysine deficient 1, Protein kinase lysine-deficient 1, Protein kinase with no lysine 1, PSK, Serine/threonine protein kinase WNK1, Serine/threonine-protein kinase WNK1, With no K, WNK lysine deficient protein kinase 1, WNK1, WNK1_HUMAN.

Background: WNK1 controls sodium and chloride ion transport by inhibiting the activity of WNK4, potentially by either phosphorylating the kinase or via an interaction between WNK4 and the autoinhibitory domain of WNK1. WNK4 regulates the activity of the thiazide sensitive Na/Cl cotransporter, SLC12A3, by phosphorylation. WNK1 may also play a role in actin cytoskeletal reorganization.

Gene ID: 65125

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months