

WNK1(Phospho Thr60) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15543
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human WNK1 around the phosphorylation site of Thr58. AA range:24-73
Mol wt	250756
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase WNK1
Synonyms	Serine/threonine-protein kinase WNK1; WNK1; HSN2; KDP; KIAA0344; PRKWNK1; Serine/threonine-protein kinase WNK1; Erythrocyte 65 kDa protein; p65; Kinase deficient protein; Protein kinase lysine-deficient 1; Protein kinase with no lysine 1; hWNK1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the WNK subfamily of serine/threonine protein kinases. The encoded protein may be a key regulator of blood pressure by controlling the transport of sodium and chloride ions. Mutations in this gene have been associated with pseudohypoaldosteronism type II and hereditary sensory neuropathy type II. Alternatively spliced transcript variants encoding different isoforms have been described but the full-length nature of all of them has yet to be determined.

Recommended Dilution

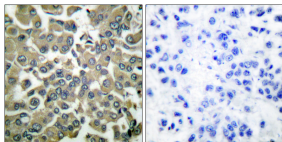
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

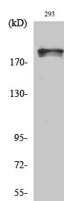
ELISA: 1: 5000

Not yet tested in other applications.

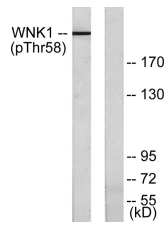
Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using WNK1 (Phospho-Thr58) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-WNK1 (T60) Polyclonal Antibody



Western blot analysis of lysates from 293 cells treated with EGF 200ng/ml 30', using WNK1 (Phospho-Thr58) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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