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WNK3 (C) Antibody, Rabbit Polyclonal

Cat#: R1279-2

Quantity: 100 ul

Predicted | Observed M.W.: 198 | 220 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9BYP7

Background:

Serine/threonine-protein kinase WNK3 is a protein belonging to the 'with no lysine' family of serine-threonine protein kinases. These family members lack the catalytic lysine in subdomain II, and instead have a conserved lysine in subdomain I. This family member functions as a positive regulator of the transcellular Ca²⁺ transport pathway, and it plays a role in the increase of cell survival in a caspase-3-dependent pathway. Alternative splicing results in multiple transcript variants of WNK3 [provided by RefSeq].

Other Names:

Serine/threonine-protein kinase WNK3, Protein kinase lysine-deficient 3, Protein kinase with no lysine 3, KIAA1566, PRKWNK3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human WNK3. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

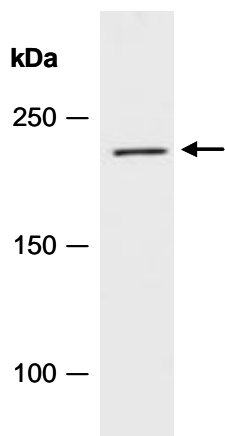


Fig 1. Western blot of total cell extracts from human HeLa, using anti-WNK3 (C) (R1279-2) at RT for 2 h.