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Anti WNK1 c-term
Anti With No K protein kinase 1 C-term

Order No. AB-171

Antibody concentration: 0.19 mg/ml
Amount per vial: 100µg

Lot No 1

Store at -20°C

Product description:

Polyclonal, affinity purified antibody raised in sheep against the peptide QNFNISNLQKSISNPPGNSLRTT representing aa 2360-2382 of human WNK1 Acc No Q9H4A3. The C-terminus of the mouse sequence is identical. Recognizes human and mouse, other species not tested.

Applications: Western blotting, Immunoprecipitation other uses not tested

Application advise

Western blocking buffer: 5% dry milk, 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

1st Ab buffer: 1µg/ml antibody in western blocking buffer. Wash buffer: 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

2nd Ab buffer: HRP coupled anti sheep Pierce 31480 (1:10000) in western blocking buffer.

Background information

Vitari et al., 2004 Biochemical Journal 378:257-268 describe threonine 60 of WNK1 as a physiological substrate of AKT/PKB. Importantly this residue is not phosphorylated by RSK1 in cells. Therefore this residue may serve as a specific monitor for AKT/PKB activity.

For in vitro use only.
For research use only.
Not for clinical use or consumption.
Not for diagnostic use.
Do not inject in humans or animals.