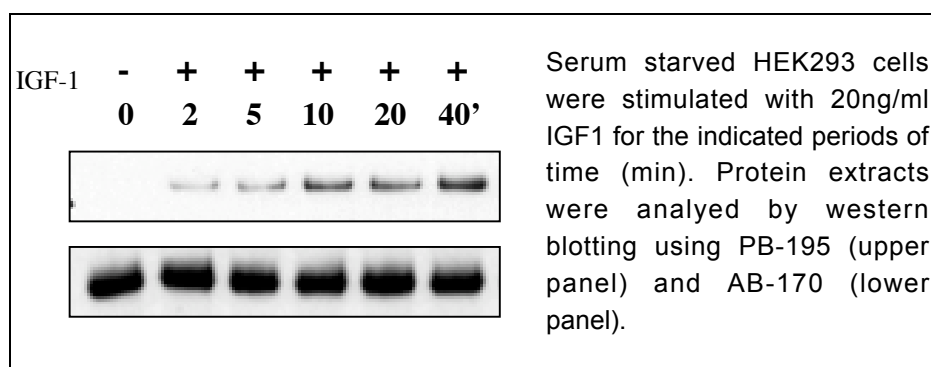


Anti WNK1 pThr60
Order No. PB-195
Anti With No K protein kinase 1 pThr60
Antibody concentration: 1.32 mg/ml
Lot No 1
Amount per vial: 100µg
Store at -20°C

Product description:

Polyclonal, affinity purified antibody raised in sheep against the peptide EYRRRRHpTMDKDSRGA representing aa 53-68 of human WNK1 Acc No Q9H4A3, phosphorylated at Thr60 or aa 51-66 of the mouse sequence phosphorylated at Thr58. Recognizes human and mouse, other species not tested.

Applications: Western blotting; 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 /10µg/ml nonphosphopeptide (PT-195, comes with PB-195) 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 or classical PKC 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.