

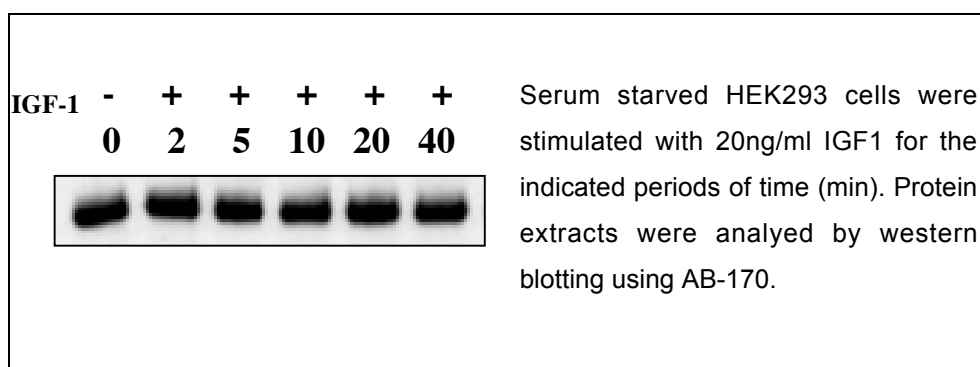
Anti WNK1 total
Anti With No K protein kinase 1

Order No. AB-170

Antibody concentration: 0.63 mg/ml
Amount per vial: 100µg

Lot No 1

Store at -20°C



Product description:

Polyclonal, affinity purified antibody raised in sheep against recombinant WNK1 (aa 60-661). 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.