

NCK1

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 43kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human NCK1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

NCK; nck-1; NCKalpha;

Catalog #: A0140

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4690

Isotype: IgG

Swiss Prot: P16333

Purity: Affinity purification

For research use only.

Background:

NCK family adaptor proteins function to couple tyrosine phosphorylation signals to regulate actin cytoskeletal reorganization that leads to cell motility. Cytoplasmic protein NCK1 (or NCK alpha) is an adapter protein which associates with tyrosine-phosphorylated growth factor receptors, such as KDR and PDGFRB, or their cellular substrates. NCK1 binds a number of intracellular proteins and influences various signaling pathways including GTPase-activating protein of Ras (RasGAP), which is responsible for the down-regulation of Ras. NCK1 is recently reported to regulate the UPR, which secondary to obesity impairs glucose homeostasis and insulin actions.

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