

NCK2 Polyclonal Antibody

Catalog number: 10206-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

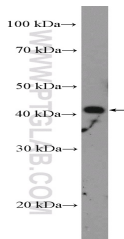
Synonyms:

NCK2; Cytoplasmic protein

NCK2, GRB4, Nck 2, NCK

adaptor protein 2, NCK2,

NCKbeta



U-937 cells were subjected to SDS PAGE followed by western blot with 10206-1-AP (NCK2 Antibody) at dilution of 1:1000

Background

Lots of the protein-protein interactions that are essential for eukaryotic intracellular signal transduction are mediated by protein binding modules including SH2, SH3, and LIM domains. NCK is a SH3- and SH2-containing adaptor protein implicated in coordinating various signaling pathways, including those of growth factor receptors and cell adhesion receptors. NCK-2 is a ubiquitously expressed and NCK-related adaptor protein comprising primarily three N-terminal SH3 domains and one C-terminal SH2 domain. NCK-2 interacts with PINCH, a LIM-only protein implicated in integrin-linked kinase signaling, and recognizes several key components of growth factor kinase-signaling pathways including EGF receptors, PDGF receptor, and IRS-1. NCK-2 may thus function as an adaptor protein connecting the growth factor receptor-signaling pathways with the integrin-signaling pathways. NCK-2 also interacts with focal adhesion kinase (FAK), a cytoplasmic protein tyrosine kinase critically involved in the cellular control of motility.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated NCK2 MW:	43 kDa
Observed NCK2 MW:	43 kDa
Positive WB detected in	U-937 cells
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0262
GenBank accession number:	BC000103
Gene ID (NCBI):	8440
Full name:	NCK adaptor protein 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.