

Nck-2 Polyclonal Antibody

Catalog No :	YT2991
Reactivity :	Human;Mouse
Applications :	IHC;IF;ELISA
Target :	Nck-2
Fields :	>>ErbB signaling pathway;>>Axon guidance;>>T cell receptor signaling pathway;>>Pathogenic Escherichia coli infection
Gene Name :	NCK2
Protein Name :	Cytoplasmic protein NCK2
Human Gene Id :	8440
Human Swiss Prot No :	O43639
Mouse Gene Id :	17974
Mouse Swiss Prot No :	O55033
Immunogen :	The antiserum was produced against synthesized peptide derived from human NCK2. AA range:331-380
Specificity :	Nck-2 Polyclonal Antibody detects endogenous levels of Nck-2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 43kD

Cell Pathway : ErbB_HER;Axon guidance;T_Cell_Receptor;Pathogenic Escherichia coli infection;

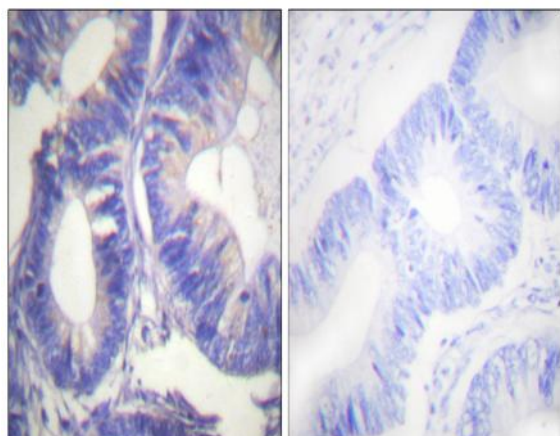
Background : This gene encodes a member of the NCK family of adaptor proteins. The protein contains three SH3 domains and one SH2 domain. The protein has no known catalytic function but has been shown to bind and recruit various proteins involved in the regulation of receptor protein tyrosine kinases. It is through these regulatory activities that this protein is believed to be involved in cytoskeletal reorganization. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],

Function : function:Adapter protein which associates with tyrosine-phosphorylated growth factor receptors or their cellular substrates. Maintains low levels of EIF2S1 phosphorylation by promoting its dephosphorylation by PP1.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,similarity:Contains 2 SH3 domains.,similarity:Contains 3 SH3 domains.,subunit:Interacts with DOCK1, PINCH and TGFB1I1. Part of a complex containing PPP1R15B, PP1 and NCK2.,tissue specificity:Ubiquitous.,

Subcellular Location : Cytoplasm . Endoplasmic reticulum .

Expression : Ubiquitous.

Products Images



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using NCK2 Antibody. The picture on the right is blocked with the synthesized peptide.