

ARG59810 anti-NCK2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NCK2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NCK2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-380 of Human NCK2 (NP_003572.2).
Conjugation	Un-conjugated
Alternate Names	Nck-2; NCKbeta; NCK adaptor protein 2; SH2/SH3 adaptor protein NCK-beta; GRB4; Growth factor receptor-bound protein 4; Cytoplasmic protein NCK2

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat brain, Mouse lung and 293T	
Observed Size	43 kDa	

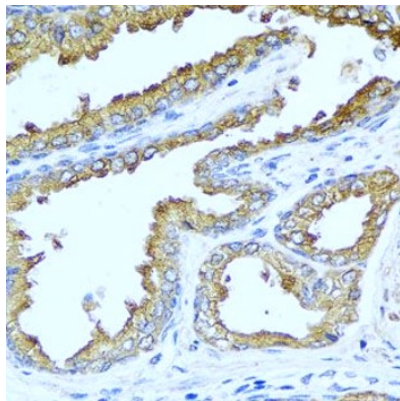
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

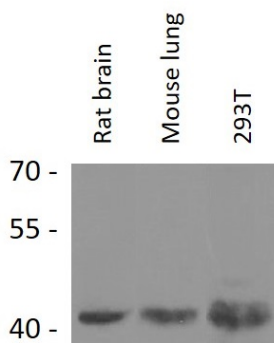
Gene Symbol	NCK2
Gene Full Name	NCK adaptor protein 2
Background	This gene encodes a member of the NCK family of adaptor proteins. The protein contains three SH3 domains and one SH2 domain. The protein has no known catalytic function but has been shown to bind and recruit various proteins involved in 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	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. Plays a role in ELK1-dependent transcriptional activation in response to activated Ras signaling. [UniProt]
Calculated Mw	43 kDa
PTM	Phosphorylated. [UniProt]
Cellular Localization	Cytoplasm. Endoplasmic reticulum. [UniProt]

Images



ARG59810 anti-NCK2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate stained with ARG59810 anti-NCK2 antibody at 1:100 dilution.



ARG59810 anti-NCK2 antibody WB image

Western blot: 25 µg of Rat brain, Mouse lung and 293T cell lysates stained with ARG59810 anti-NCK2 antibody at 1:1000 dilution.