Nur für Forschungszwecke

NCK1 Polyklonaler Antikörper

Katalog-Nr.:15247-1-AP Vorgestelltes Produkt 4 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
15247-1-AP

Größe:
150ul , Konzentration: 400 μg/ml von Nanodrop und 213 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0979

GenBank-Zugangsnummer:
BC006403

GeneID (NCBI):
4690

Vollständiger Name:
NCK adaptor protein 1

Berechneté Masse:
43 kDa

Beobachteté Masse:
43 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:50-1:500
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Maushirngewebe, Mauslebergewebe, Rattenhirngewebe

IP : Maushirngewebe,

IHC : humanes Mammakarzinomgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

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 INS actions.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Peina He	34846647	Mol Biol Rep	WB,IHC
Lei He	30702192	Cell Microbiol	WB
Fan Zhang	28455144	Cell Signal	WB

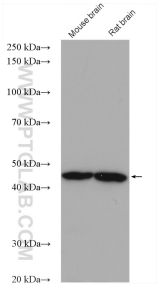
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

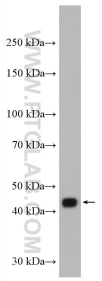
*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

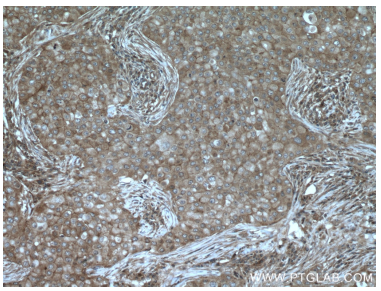
Ausgewählte Validierungsdaten



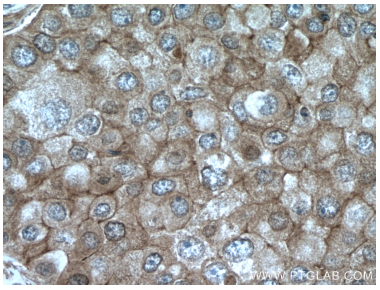
Various lysates were subjected to SDS PAGE followed by western blot with 15247-1-AP (NCK1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



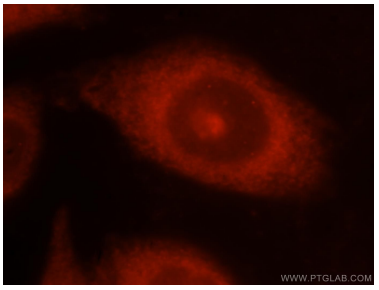
mouse brain tissue were subjected to SDS PAGE followed by western blot with 15247-1-AP (NCK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



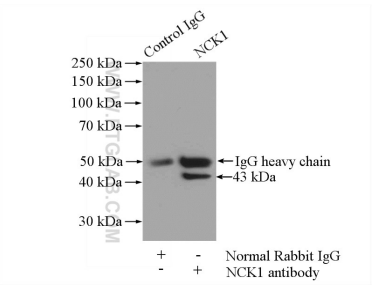
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15247-1-AP (NCK1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



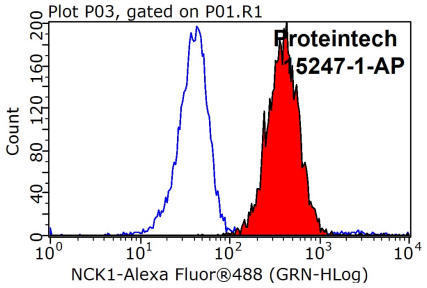
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15247-1-AP (NCK1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of Hela cells, using NCK1 antibody 15247-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-NCK1 (IP:15247-1-AP, 4ug; Detection:15247-1-AP 1:500) with mouse brain tissue lysate 2640ug.



1X10^6 HeLa cells were stained with 0.2ug NCK1 antibody (15247-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.