

For Research Use Only

CNKSR3 Polyclonal antibody

Catalog Number: 14084-1-AP

1 Publications



Basic Information

Catalog Number:

14084-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5213

GenBank Accession Number:

BC060761

GeneID (NCBI):

154043

UNIPROT ID:

Q6P9H4

Full Name:

CNKSR family member 3

Calculated MW:

555 aa, 62 kDa

Observed MW:

62-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : human brain tissue, mouse brain tissue

IP : mouse brain tissue,

Background Information

Connector enhancer of kinase suppressor of ras 3 (CNKSR3) gene encodes CNK homolog protein 3 (CNK3). CNK proteins, originally identified in Drosophila, were described to regulate the RAS/ERK pathway at the level of the RAS protein kinase. CNKSR3, homologue of scaffold proteins involved in MAPK pathway regulation, is a direct target of mineralocorticoid receptor (MR). CNK3 coordinates the assembly of a multiprotein epithelial sodium channel (ENaC) -regulatory complex, and hence plays a central role in sodium homeostasis.

Notable Publications

Author	Pubmed ID	Journal	Application
Soundararajan Rama R	22851176	J Biol Chem	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 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)

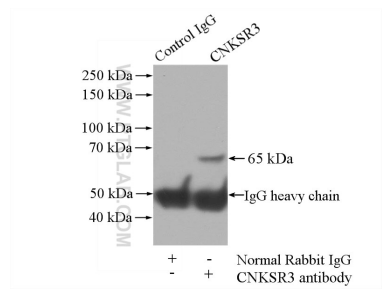
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 14084-1-AP (CNKSR3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-CNKSR3 (IP:14084-1-AP, 4ug; Detection:14084-1-AP 1:500) with mouse brain tissue lysate 3440ug.