

For Research Use Only

CNKSR3 Polyclonal antibody

Catalog Number: 14084-1-AP **1 Publications**



Basic Information

Catalog Number:

14084-1-AP

Size:

600 µg/ml

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 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, 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

For technical support and original validation data for this product please contact:

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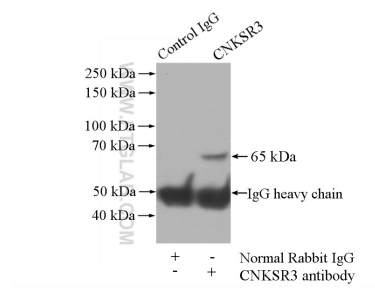
W: ptgcn.com

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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.