

For Research Use Only

CNKSR3 Polyclonal antibody

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



Basic Information

Catalog Number: 14084-1-AP	GenBank Accession Number: BC060761	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 154043	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: CNKSR family member 3	
Isotype: IgG	Calculated MW: 555 aa, 62 kDa	
Immunogen Catalog Number: AG5213	Observed MW: 62-65 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : human brain tissue, mouse brain tissue
Cited Applications: WB	IP : mouse brain tissue,
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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

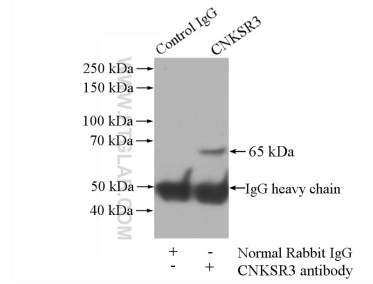
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Selected Validation Data



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.