

CNKSR3 Polyclonal Antibody

Catalog number: 14084-1-AP

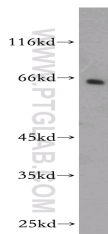
Size: 20 µg/150 µl

Source: Rabbit

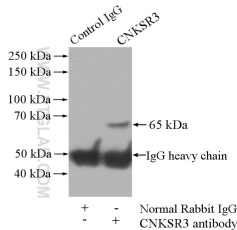
Isotype: IgG

Synonyms:

CNKSR3; CNK homolog protein 3, CNK3, CNKSR family member 3, CNKSR3, Connector enhancer of KSR 3, FLJ31349, MAGI1, Maguin like protein



human brain tissue were subjected to SDS PAGE followed by western blot with 14084-1-AP(CNKSR3 antibody) at dilution of 1:600



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

Background

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.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated CNKSR3 MW:	555aa, 62 kDa
Observed CNKSR3 MW:	62-65 kDa
Positive WB detected in	Human brain tissue, mouse brain tissue
Positive IP detected in	Mouse brain tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5213
GenBank accession number:	BC060761
Gene ID (NCBI):	154043
Full name:	CNKSR family member 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.