

**Product Name: CNK2 Rabbit Polyclonal Antibody****Catalog #: APRab09122**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
<b>Molecular Weight</b>	117kDa

**Antigen Information**

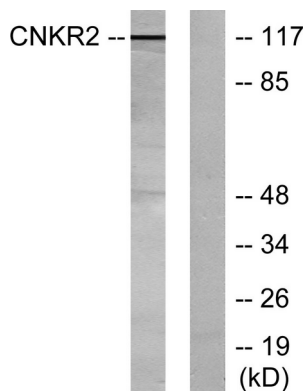
<b>Gene Name</b>	CNKS2
<b>Alternative Names</b>	CNKS2; CNK2; KIAA0902; KSR2; Connector enhancer of kinase suppressor of ras 2; Connector enhancer of KSR 2; CNK homolog protein 2; CNK2
<b>Gene ID</b>	22866.0
<b>SwissProt ID</b>	Q8WXI2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CNK2. AA range:641-690

**Background**

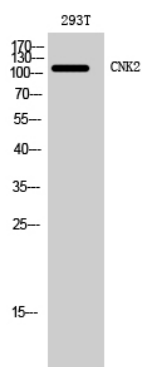
This gene encodes a multidomain protein that functions as a scaffold protein to mediate the mitogen-activated protein kinase pathways downstream from Ras. This gene product is induced by vitamin D and inhibits apoptosis in certain cancer cells. It may also play a role in ternary complex assembly of synaptic proteins at the postsynaptic membrane and coupling of signal transduction to membrane/cytoskeletal remodeling. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009],function:May function as an adapter protein or regulator of Ras signaling pathways.,PTM:Phosphorylated on tyrosine.,similarity:Belongs to the CNKSR family.,similarity:Contains 1 CRIC domain.,similarity:Contains 1 DUF1170 domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 SAM (sterile alpha motif) domain.,subunit:Interacts with RAF1, RAB2L and RAL GTPase proteins.,

## Research Area

## Image Data



Western blot analysis of lysates from Jurkat cells, using CNKR2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 293T cells using CNK2 Polyclonal Antibody diluted at 1 : 500