

For Research Use Only

CNKSR1 Polyclonal antibody

Catalog Number: 10885-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

10885-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1333

GenBank Accession Number:

BC011604

GeneID (NCBI):

10256

UNIPROT ID:

Q969H4

Full Name:

connector enhancer of kinase suppressor of Ras 1

Calculated MW:

80 kDa

Observed MW:

90-100 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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HT-29 cells, human brain tissue

IP : HT-29 cells,

IHC : human pancreas cancer tissue,

Background Information

CNKSR1 is a protein containing several motifs involved in protein-protein interaction, including PDZ, PH (Pleckstrin homology), and SAM (sterile alpha motif) domains. The encoded protein acts as a scaffold component for receptor tyrosine kinase signaling and may mediate crosstalk between different signaling pathways. CNKSR1 is required in multiple receptor tyrosine kinase pathways where it appears to be a tyrosine phosphorylation target.

Notable Publications

Author	Pubmed ID	Journal	Application
Lei Wang	34541834	Cancer Rep (Hoboken)	IHC
Kanako Nishiyama	34187934	Life Sci Alliance	WB, IHC
Qidong Cai	38628722	Heliyon	IHC

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

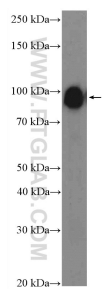
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

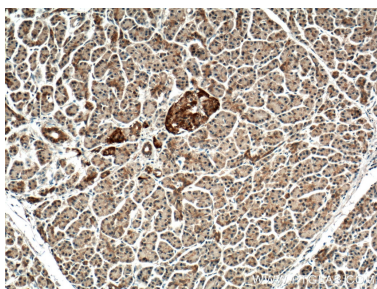
E: proteintech@ptglab.com
W: ptglab.com

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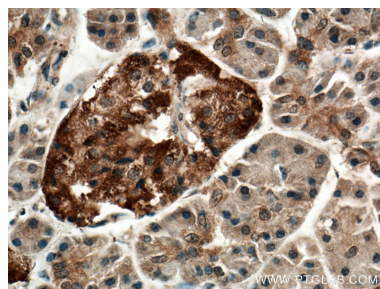
Selected Validation Data



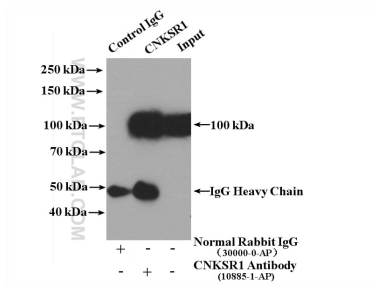
HT-29 cells were subjected to SDS PAGE followed by western blot with 10885-1-AP (CNKSR1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10885-1-AP (CNKSR1 antibody) at dilution of 1:200 (under 0x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10885-1-AP (CNKSR1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-CNKR1 (IP:10885-1-AP, 4ug; Detection:10885-1-AP 1:1000) with HT-29 cells lysate 4000 ug.