

For Research Use Only

CNKSR1 Polyclonal antibody

Catalog Number: 10885-1-AP

Featured Product

2 Publications



Basic Information

| | | |
|--|---|--|
| Catalog Number: 10885-1-AP | GenBank Accession Number: BC011604 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 10256 | Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB |
| Source: Rabbit | Full Name: connector enhancer of kinase suppressor of Ras 1 | IHC 1:50-1:500 |
| Isotype: IgG | Calculated MW: 80 kDa | |
| Immunogen Catalog Number: AG1333 | Observed MW: 90-100 kDa | |

Applications

| | |
|---|---|
| Tested Applications: IHC, IP, WB, ELISA | Positive Controls: WB : HT-29 cells, human brain tissue |
| Cited Applications: IHC, WB | IP : HT-29 cells, |
| Species Specificity: human | IHC : human pancreas cancer tissue, |
| 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

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 |

Storage

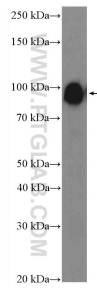
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

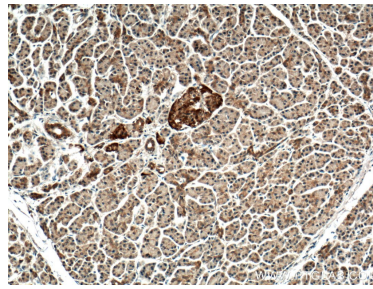
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

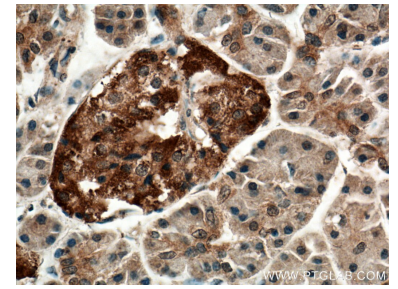
Selected Validation Data



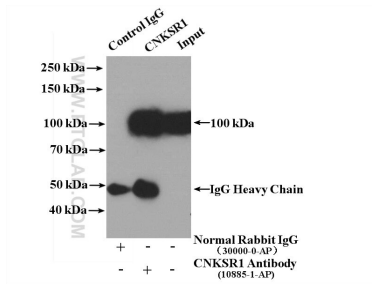
HT-29 cells were subjected to SDS PAGE followed by western blot with 10885-1-AP (CNKSR1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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.