

For Research Use Only

NOP10 Polyclonal antibody

Catalog Number: 22769-1-AP



Basic Information

Catalog Number: 22769-1-AP	GenBank Accession Number: BC063023	Purification Method: Antigen Affinity purified
Concentration: 1300 ug/ml	GeneID (NCBI): 55505	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9NPE3	
Isotype: IgG	Full Name: NOP10 ribonucleoprotein homolog (yeast)	
Immunogen Catalog Number: AG18718	Calculated MW: 64 aa, 77 kDa Observed MW: 10-12 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : COLO 320 cells, HeLa cells, Jurkat cells IHC : human pancreas cancer tissue,
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

Nucleolar protein 10 (NOP10) is a component of the H/ACA small nucleolar ribonucleoprotein (snoRNP) complex and is essential for maintaining telomerase activity and RNA pseudouridylation. NOP10 is abnormally expressed in a variety of cancers such as breast cancer, pancreatic cancer, lung cancer, etc., and high expression is usually associated with poor prognosis (PMID: 33161513; 39538226).

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

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

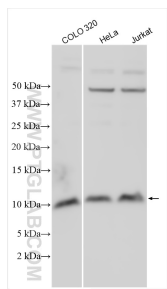
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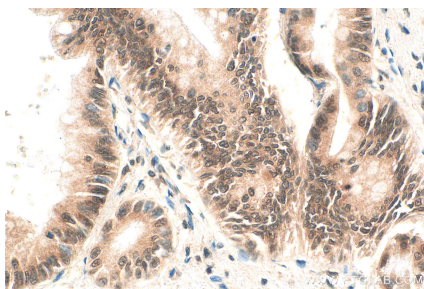
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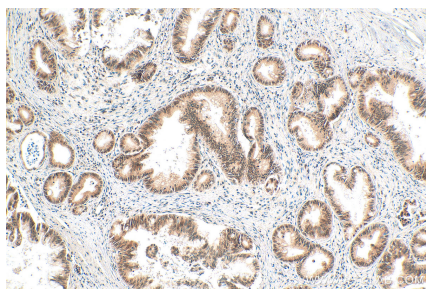
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22769-1-AP (NOP10 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 22769-1-AP (NOP10 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 22769-1-AP (NOP10 antibody) at dilution of 1:400 (under 0x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).