

For Research Use Only

NOP10 Recombinant monoclonal antibody, PBS Only

Catalog Number:87529-1-PBS



Basic Information

Catalog Number: 87529-1-PBS	GenBank Accession Number: BC063023	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55505	CloneNo.: 252910G7
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, Indirect ELISA

Species Specificity:
human, mouse, rat

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

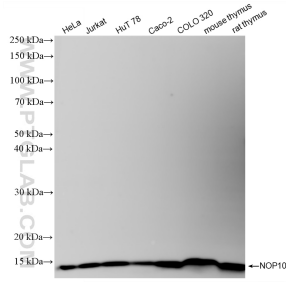
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

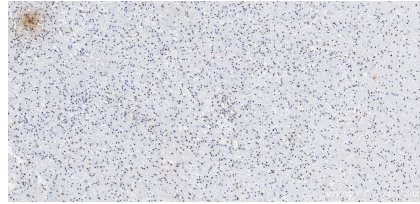
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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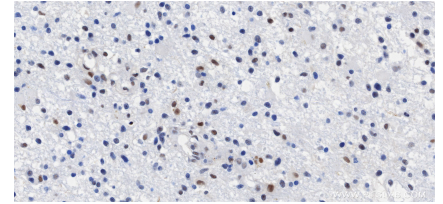
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87529-1-RR (NOP10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87529-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded Human brain cancer (Astrocytoma) slide using 87529-1-RR (NOP10 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87529-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded Human brain cancer (Astrocytoma) slide using 87529-1-RR (NOP10 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87529-1-PBS in a different storage buffer formulation.