

For Research Use Only

NOP10 Recombinant monoclonal antibody

Catalog Number: 87529-1-RR



Basic Information

Catalog Number: 87529-1-RR	GenBank Accession Number: BC063023	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55505	CloneNo.: 252910G7
Source: Rabbit	UNIPROT ID: Q9NPE3	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:50-1:500
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

Species Specificity:

human, mouse, rat

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 : HeLa cells, Jurkat cells, Caco-2 cells, COLO 320 cells, mouse thymus tissue, rat thymus tissue

IHC : Human brain cancer Astrocitoma ,

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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

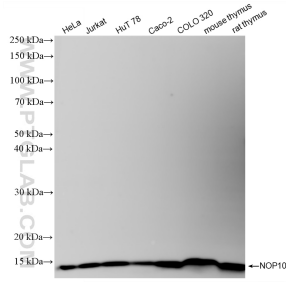
For technical support and original validation data for this product please contact:

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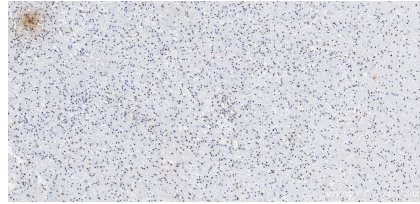
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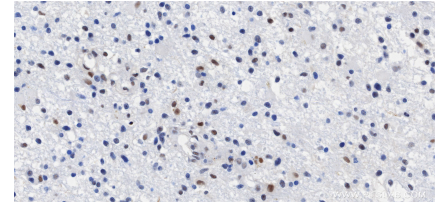
Selected Validation Data



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.



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).



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).