

For Research Use Only

RPP30 Polyclonal antibody

Catalog Number: 18435-1-AP



Basic Information

Catalog Number: 18435-1-AP	GenBank Accession Number: BC006991	Purification Method: Antigen affinity purification
Size: 550 ug/ml	GeneID (NCBI): 10556	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P78346	IF/ICC 1:200-1:800
Isotype: IgG	Full Name: ribonuclease P/MRP 30kDa subunit	
Immunogen Catalog Number: AG8824	Calculated MW: 268 aa, 29 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	IHC : human lung cancer tissue, IF/ICC : U-251 cells,

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

RPP30 is part of the polyribonuclease P complex and the ribonuclease MRP complex, and is primarily involved in the 5' end maturation of tRNA, and may also be involved in other RNA metabolic processes, including RNA synthesis, processing, and maturation. RPP30 is widely expressed in a variety of tissues, including testis, lymph nodes, etc., and is also a potential biomarker for the diagnosis and prognosis of gastric cancer.

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:

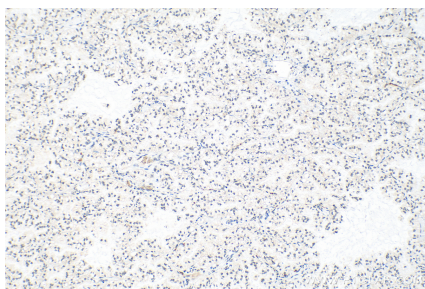
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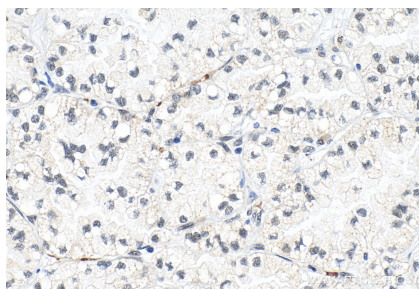
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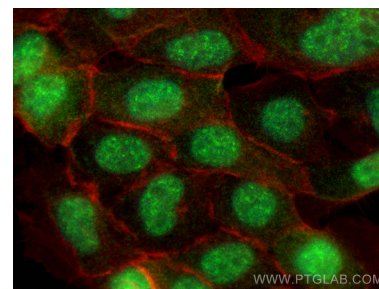
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 18435-1-AP (RPP30 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 lung cancer tissue slide using 18435-1-AP (RPP30 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using RPP30 antibody (18435-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).