

For Research Use Only

POLR2A Polyclonal antibody

Catalog Number: 20655-1-AP **3 Publications**



Basic Information

Catalog Number: 20655-1-AP	GenBank Accession Number: NM_000937	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): 5430	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: polymerase (RNA) II (DNA directed) polypeptide A, 220kDa	
Isotype: IgG	Calculated MW: 217 kDa	
	Observed MW: 210-250 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: A431 cells, HeLa cells, NIH/3T3 cells
Cited Applications: IF, WB	IHC: human pancreas cancer tissue, mouse pancreas tissue
Species Specificity: human, monkey, mouse	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Yuanyuan Zhang	33330454	Front Cell Dev Biol	WB
Guanqun Huang	29764463	J Exp Clin Cancer Res	WB,IF
Yadong Wang	37596251	Cell Death Discov	WB

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

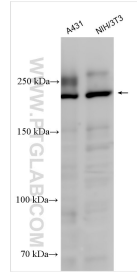
For technical support and original validation data for this product please contact:
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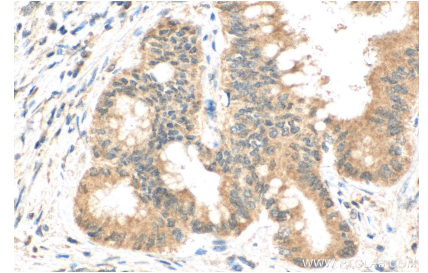
Selected Validation Data



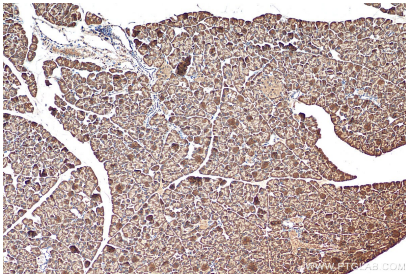
HeLa cells were subjected to SDS PAGE followed by western blot with 20655-1-AP (POLR2A antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 20655-1-AP (POLR2A antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 20655-1-AP (POLR2A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 20655-1-AP (POLR2A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).