

For Research Use Only

# ALG3 Polyclonal antibody

Catalog Number: 20290-1-AP **6 Publications**



## Basic Information

<b>Catalog Number:</b> 20290-1-AP	<b>GenBank Accession Number:</b> BC002839	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 700 µg/ml	<b>GeneID (NCBI):</b> 10195	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q92685	
<b>Isotype:</b> IgG	<b>Full Name:</b> asparagine-linked glycosylation 3, alpha-1,3- mannosyltransferase homolog (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG14059	<b>Calculated MW:</b> 438 aa, 50 kDa	
	<b>Observed MW:</b> 50-55 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, IF, IHC	<b>WB:</b> HepG2 cells,
<b>Species Specificity:</b> human	<b>IHC:</b> human thyroid cancer tissue,
<b>Cited Species:</b> human	
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xinyuan Cui	36231102	Cells	WB, IHC, IF
Zhen Zhao	35782861	Front Mol Biosci	WB, IHC
Jin-Xiao Liang	36575396	BMC Bioinformatics	WB

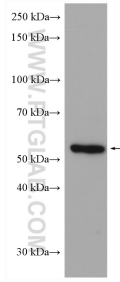
## Storage

**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

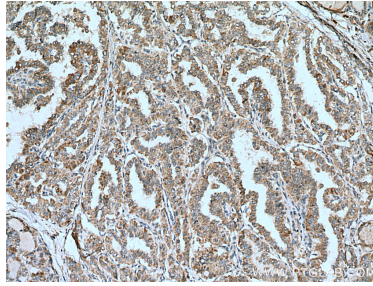
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## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 20290-1-AP (ALG3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 20290-1-AP (ALG3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).