

For Research Use Only

# Livin Polyclonal antibody

Catalog Number: 27543-1-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 27543-1-AP	<b>GenBank Accession Number:</b> BC014475	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1200 µg/ml	<b>GeneID (NCBI):</b> 79444	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96CA5	
<b>Isotype:</b> IgG	<b>Full Name:</b> baculoviral IAP repeat-containing 7	
<b>Immunogen Catalog Number:</b> AG26737	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, A431 cells, A375 cells, HeLa cells IHC : human breast cancer tissue,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

BIRC7 also known as Livin, is one of the family members of the inhibitor of apoptosis protein (IAP). BIRC7 contains a BIR domain that has been shown to bind and inhibit caspases-3, -7 and -9, playing a key role in inhibiting apoptosis. Overexpression of BIRC7 in tumors has been linked with increased chemo- and radio-resistance, recurrence, and decreased patient survival. BIRC7 is closely associated with melanoma disease progression, apoptosis resistance, and chemotherapeutic drug resistance.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei Jia	29568859	Int J Oncol	WB
Hao Wang	32359099	Exp Physiol	WB
Zhenling Zhang	35931997	BMC Cancer	IHC

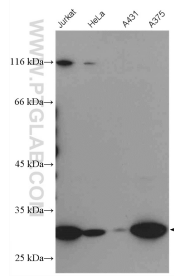
## Storage

**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

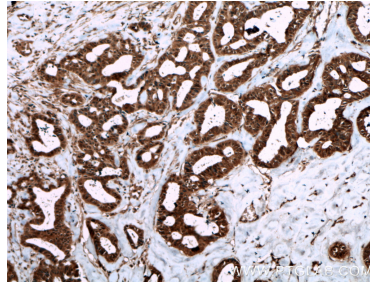
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

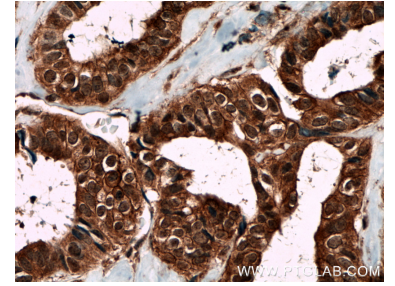
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27543-1-AP (Livin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27543-1-AP (Livin 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 breast cancer tissue slide using 27543-1-AP (Livin antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).