

For Research Use Only

Livin Polyclonal antibody

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



Basic Information

Catalog Number: 27543-1-AP	GenBank Accession Number: BC014475	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1200 µg/ml by Nanodrop and 533 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79444	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: baculoviral IAP repeat-containing 7	
Isotype: IgG	Calculated MW: 33 kDa	
Immunogen Catalog Number: AG26737	Observed MW: 33 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Jurkat cells, A431 cells, A375 cells, HeLa cells
Cited Applications: IHC, WB	IHC : human breast cancer tissue,
Species Specificity: Human	
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

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

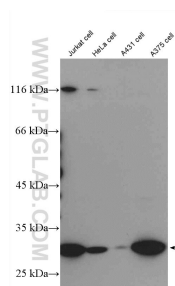
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

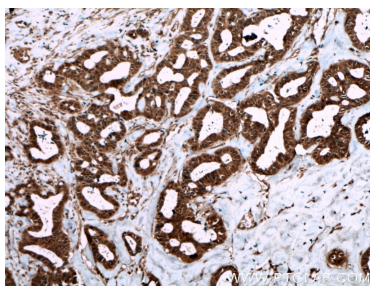
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

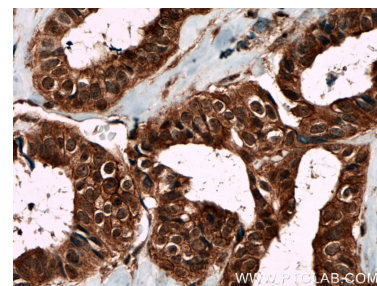
Selected Validation Data



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).