

Basic Information

Product Name	Anti-Livin/BIRC7 Antibody	
Gene Name	BIRC7	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat, rabbit	
Tested Application	WB, IHC	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.	
Immunogen	E. coli-derived human Livin recombinant protein (Position: E87-S298). Human Livin shares 69.8% amino acid (aa) sequence identity with mouse Livin.	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	33 kDa	
Dilution Ratios	Western blot (WB): Immunohistochemistry (IHC): (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	1:500-2000 1:50-400

Storage

12 months from date of receipt, -20°C as supplied.

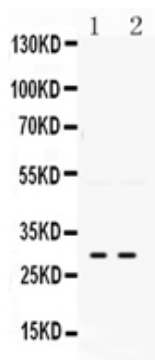
Background Information

Baculoviral IAP repeat-containing protein 7 is a protein that in humans is encoded by the BIRC7 gene. This protein is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) and a RING finger motif. Its gene is mapped to 20q13.3. It has got 280- and 298- amino acids. The protein is highly expressed in melanomas while lowly expressed in some lymphomas, fetal kidney, fetal liver, testis and thymus. BIRC7 plays a vital role in blocking apoptosis induced.

Reference

Anti-Livin/BIRC7 Antibody被引用在5文献中。

Selected Validation Data



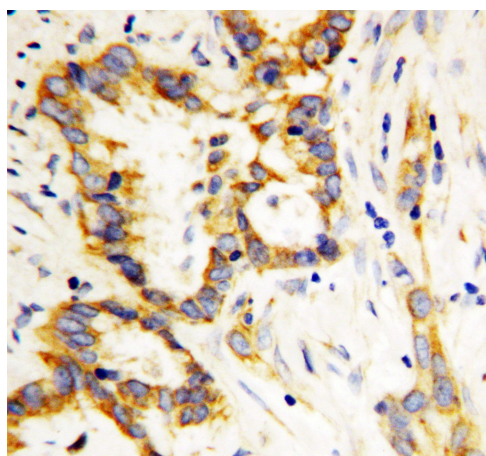
Western blot analysis of Livin/BIRC7 using anti-Livin/BIRC7 antibody (BA1743). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HT1080 whole cell lysates,

Lane 2: human SW620 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-Livin/BIRC7 antigen affinity purified polyclonal antibody (BA1743) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Livin/BIRC7 at approximately 33 kDa. The expected band size for Livin/BIRC7 is at 33 kDa.



IHC analysis of Livin/BIRC7 using anti-Livin/BIRC7 antibody (BA1743). Livin/BIRC7 was detected in a paraffin-embedded section of human breast cancer tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody. The tissue section was incubated with rabbit anti-Livin/BIRC7 Antibody (BA1743) at a dilution of 1:200 and developed using Streptavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB (Catalog # AR1027) as the chromogen.

Product datasheet

Anti-Livin/BIRC7 Antibody

Catalog Number: **BA1743**

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Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
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