

## Basic Information

<b>Product Name</b>	Anti-Livin/BIRC7 Antibody
<b>Gene Name</b>	BIRC7
<b>Source</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	mouse
<b>Tested Application</b>	WB, ELISA
<b>Contents</b>	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
<b>Immunogen</b>	E.coli-derived mouse Livin/Birc7 recombinant protein (Position: Q41-S285).
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Immunogen affinity purified.
<b>Observed MW</b>	33 kDa
<b>Dilution Ratios</b>	Western blot (WB): 1:500-2000 Enzyme linked immunosorbent assay (ELISA):1:100-1000

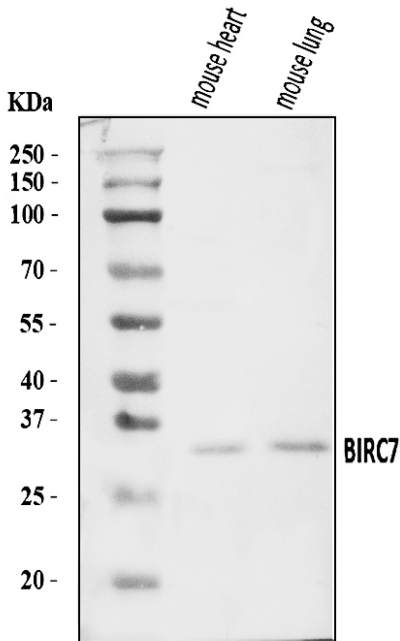
## Storage

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.

## Selected Validation Data



Western blot analysis of Livin/BIRC7 using anti-Livin/BIRC7 antibody (A02577-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: mouse heart tissue lysates,

Lane 2: mouse lung tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Livin/BIRC7 antigen affinity purified polyclonal antibody (A02577-2) 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 32 kDa.