

Datasheet for ABIN3043512  
**anti-BIRC7 antibody (AA 87-298)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µg
Target:	BIRC7
Binding Specificity:	AA 87-298
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Baculoviral IAP repeat-containing protein 7(BIRC7) detection. Tested with WB, ELISA in Human.
Immunogen:	E. coli-derived human Livin recombinant protein (Position: E87-S298). Human Livin shares 69.8% amino acid (aa) sequence identity with mouse Livin.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Baculoviral IAP repeat-containing protein 7(BIRC7) detection. Tested with WB, ELISA in Human. Gene Name: baculoviral IAP repeat containing 7 Protein Name: Baculoviral IAP repeat-containing protein 7
Purification:	Immunogen affinity purified.

## Target Details

Target:	BIRC7
Alternative Name:	BIRC7 ( <a href="#">BIRC7 Products</a> )
Background:	<p>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.</p> <p>Synonyms: Baculoviral IAP repeat containing 7 antibody Baculoviral IAP repeat containing protein 7 antibody Baculoviral IAP repeat-containing protein 7 antibody BIRC 7 antibody BIRC7 antibody BIRC7_HUMAN antibody KIAP antibody Kidney inhibitor of apoptosis protein antibody LIVIN antibody Livin inhibitor of apoptosis antibody Melanoma inhibitor of apoptosis protein antibody ML IAP antibody ML-IAP antibody MLIAP antibody RING finger protein 50 antibody RN50 antibody RN50 antibody</p>
Gene ID:	79444

## Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human</p> <p>ELISA: Concentration: 0.1-0.5 µg/mL, Tested Species: Human</p> <p>Notes: Tested Species: Species with positive results.</p> <p>Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Sodium azide.
Preservative:	Sodium azide

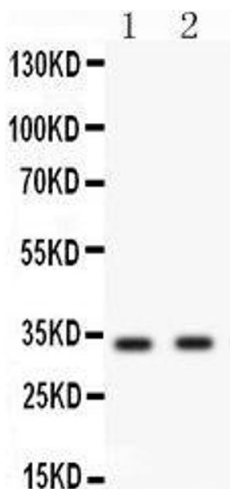
## Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

## Publications

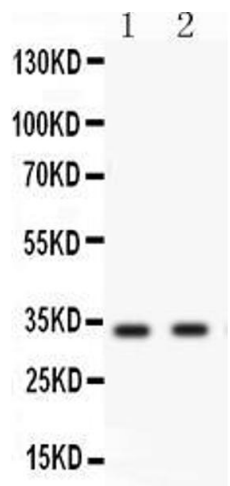
Product cited in:	Liu, Chen, Wang, Yang, Xue, Zhu: "Msi1 confers resistance to TRAIL by activating ERK in liver cancer cells." in: <b>FEBS letters</b> , Vol. 589, Issue 8, pp. 897-903, (2015) ( <a href="#">PubMed</a> ).
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## Images



### Western Blotting

**Image 1.** Observed bind size: 33KD



### Western Blotting

**Image 2.** Anti- Livin antibody, Western blottingAll lanes: Anti Livin at 0.5ug/ml Lane 1: HELA Whole Cell Lysate at 40ug Lane 2: A431 Whole Cell Lysate at 40ug Predicted bind size: 33KD Observed bind size: 33KD