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Datasheet for ABIN358607 anti-BIRC7 antibody (C-Term)

2 Images

1 Publication



Overview

Quantity:	0.4 mL
Target:	BIRC7
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIRC7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human BIRC7.
lsotype:	Ig Fraction
Specificity:	This antibody reacts to BIRC7.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	BIRC7
Alternative Name:	BIRC7 / LIVIN (BIRC7 Products)

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Target Details

Background:	BIRC7 is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Two transcript variants encoding different isoforms have been found for this gene. The two isoforms have different antiapoptotic properties, with isoform alpha protecting cells from apoptosis induced by staurosporine and isoform b protecting cells from apoptosis induced by etoposide.Synonyms: Baculoviral IAP repeat-containing protein 7, KIAP, Kidney inhibitor of apoptosis protein, Livin, MLIAP, Melanoma inhibitor of apoptosis protein, RING finger protein 50, RNF50
Gene ID:	79444, 5874
UniProt:	Q96CA5
Application Details	
Application Notes:	ELISA: 1/1,000. Western Blot: 1/50 - 1/200. Immunohistochemistry: 1/50 - 1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
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:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

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Product cited in:

Borowiec, Liew, Thompson, Boonyasrisawat, Hu, Mlynarski, El Khattabi, Kim, Marselli, Rich, Krolewski, Bonner-Weir, Sharma, Sale, Mychaleckyj, Kulkarni, Doria: "Mutations at the BLK locus linked to maturity onset diabetes of the young and beta-cell dysfunction." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 106, Issue 34, pp. 14460-5, (2009) (PubMed).

Images





Image 2.

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