

Datasheet for ABIN7145200  
**anti-BIRC2 antibody (AA 1-300) (Biotin)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	BIRC2
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIRC2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Baculoviral IAP repeat-containing protein 2 protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	BIRC2
Alternative Name:	BIRC2 ( <a href="#">BIRC2 Products</a> )
Background:	Background: Multi-functional protein which regulates not only caspases and apoptosis, but also modulates inflammatory signaling and immunity, mitogenic kinase signaling, and cell

## Target Details

proliferation, as well as cell invasion and metastasis. Acts as an E3 ubiquitin-protein ligase regulating NF-kappa-B signaling and regulates both canonical and non-canonical NF-kappa-B signaling by acting in opposite directions: acts as a positive regulator of the canonical pathway and suppresses constitutive activation of non-canonical NF-kappa-B signaling. The target proteins for its E3 ubiquitin-protein ligase activity include: RIPK1, RIPK2, RIPK3, RIPK4, CASP3, CASP7, CASP8, TRAF2, DIABLO/SMAC, MAP3K14/NIK, MAP3K5/ASK1, IKBKG/NEMO, IKBKE and MXD1/MAD1. Can also function as an E3 ubiquitin-protein ligase of the NEDD8 conjugation pathway, targeting effector caspases for neddylation and inactivation. Acts as an important regulator of innate immune signaling via regulation of Toll-like receptors (TLRs), Nodlike receptors (NLRs) and RIG-I like receptors (RLRs), collectively referred to as pattern recognition receptors (PRRs). Protects cells from spontaneous formation of the ripoptosome, a large multi-protein complex that has the capability to kill cancer cells in a caspase-dependent and caspase-independent manner. Suppresses ripoptosome formation by ubiquitinating RIPK1 and CASP8. Can stimulate the transcriptional activity of E2F1. Plays a role in the modulation of the cell cycle.

Aliases: API 1 antibody, API1 antibody, Apoptosis inhibitor 1 antibody, Baculoviral IAP repeat containing 2 antibody, Baculoviral IAP repeat containing protein 2 antibody, Baculoviral IAP repeat-containing protein 2 antibody, BIRC 2 antibody, BIRC2 antibody, BIRC2\_HUMAN antibody, C IAP1 antibody, C-IAP1 antibody, Cellular inhibitor of apoptosis 1 antibody, cellular inhibitor of apoptosis protein 1 antibody, cIAP 1 antibody, cIAP1 antibody, HIAP 2 antibody, HIAP-2 antibody, HIAP2 antibody, IAP 2 antibody, IAP homolog B antibody, IAP-2 antibody, IAP2 antibody, Inhibitor of apoptosis protein 2 antibody, MIHB antibody, NFR2 TRAF signalling complex protein antibody, RING finger protein 48 antibody, RNF 48 antibody, RNF48 antibody, TNFR2 TRAF signaling complex protein 2 antibody, TNFR2-TRAF-signaling complex protein 2 antibody

UniProt:	<a href="#">Q13490</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.