Datasheet for ABIN7145202

anti-BIRC2 antibody (AA 1-300) (HRP)

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Overview

Quantity:	100 µg
Target:	BIRC2
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIRC2 antibody is conjugated to HRP
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 (BIRC2 Products)
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:	Q13490
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Activation of Innate immune Response, Toll-Like Receptors Cascades

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.