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Datasheet for ABIN7145203 anti-BIRC3 antibody (AA 76-245)

2 Images



Overview

Quantity:	100 µg
Target:	BIRC3
Binding Specificity:	AA 76-245
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIRC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Baculoviral IAP repeat-containing protein 3 protein (76-245AA)
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	BIRC3
Alternative Name:	BIRC3 (BIRC3 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

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	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, IKBKE, TRAF1, and BCL10. 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.
	Aliases: AIP 1 antibody, AIP1 antibody, API 2 antibody, API2 antibody, Apoptosis inhibitor 2
	antibody, Baculoviral IAP repeat containing 3 antibody, Baculoviral IAP repeat containing protein
	3 antibody, Baculoviral IAP repeat-containing protein 3 antibody, BIRC 3 antibody, BIRC3
	antibody, BIRC3_HUMAN antibody, C IAP2 antibody, C-IAP2 antibody, Cellular inhibitor of
	apoptosis 2 antibody, cellular inhibitor of apoptosis protein 2 antibody, CIAP 2 antibody, CIAP2
	antibody, HAIP 1 antibody, HAIP1 antibody, HIAP 1 antibody, HIAP-1 antibody, HIAP1 antibody,
	IAP homolog C antibody, IAP-1 antibody, Inhibitor of apoptosis protein 1 antibody, MALT 2
	antibody, MALT2 antibody, Mammalian IAP homolog C antibody, MIHC antibody, RING finger
	protein 49 antibody, RNF49 antibody, TNFR2 TRAF signaling complex protein 1 antibody,
	TNFR2 TRAF signalling complex protein antibody, TNFR2-TRAF-signaling complex protein 1
	antibody
UniProt:	Q13489
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Activation of Innate immune Response, Toll-Like
	Receptors Cascades
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only
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Handling	

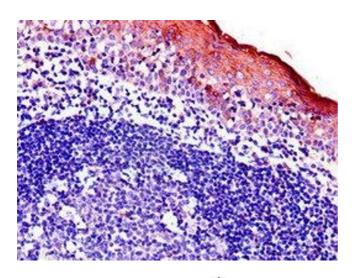
- la l'an l'g	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300

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Handling

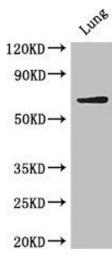
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7145203 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse lung tissue All lanes: BIRC3 antibody at $4 \mu g/mL$ Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 69 kDa Observed band size: 69 kDa

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