

Rabbit anti-Human Baculoviral IAP repeat-containing protein 2 Polyclonal Antibody | anti-BIRC2 antibody

Rabbit anti-human Baculoviral IAP repeat-containing protein 2 polyclonal Antibody(BIRC2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119751	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

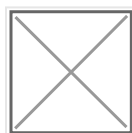
PRODUCT SYNONYMS

Baculoviral IAP repeat-containing protein 2; Polyclonal Antibody; Rabbit anti-human Baculoviral IAP repeat-containing protein 2 polyclonal Antibody(BIRC2); C-IAP1; IAP homolog B; Inhibitor of apoptosis protein 2; IAP-2; hIAP-2; hIAP2; RING finger protein 48; TNFR2-TRAF-signaling complex protein 2; BIRC2; API1; IAP2; MIHB; RNF48; anti-BIRC2 antibody

PRODUCT SPECIFICATIONS

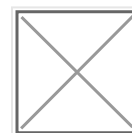
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	618
Applicable Applications for anti-BIRC2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Baculoviral IAP repeat-containing protein 2 protein(1-300aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1867 / sc-12410 / sc-7943
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



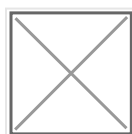
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using AAA119751 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA119751 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: Baculoviral IAP repeat-containing protein 2 antibody at 5ug/mL
Lane 1:HepG2 whole cell lysateLane 2:K562 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 70,65 kDaObserved band size: 70 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-BIRC2 antibody	Multi-functional protein which regulates not only caspases and apoptosis, but also modulates inflammatory signaling and immunity, mitogenic kinase signaling, and cell 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502141
NCBI GeneID	329
NCBI Accession #	NP_001157.1
NCBI GenBank Nucleotide #	NM_001166.4
UniProt Accession #	Q13490; Q16516; Q4TTG0; B4E026
Molecular Weight	64,098 Da
NCBI Official Full Name	baculoviral IAP repeat-containing protein 2 isoform 1
NCBI Official Synonym Full Names	baculoviral IAP repeat containing 2
NCBI Official Symbol	BIRC2
NCBI Official Synonym Symbols	API1; MIHB; HIAP2; RNF48; cIAP1; Hiap-2; c-IAP1
NCBI Protein Information	baculoviral IAP repeat-containing protein 2
UniProt Protein Name	Baculoviral IAP repeat-containing protein 2
UniProt Gene Name	BIRC2
UniProt Synonym Gene Names	API1; IAP2; MIHB; RNF48; IAP-2; hIAP-2; hIAP2
UniProt Entry Name	BIRC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.