

Rabbit BIRC2 Polyclonal Antibody | anti-BIRC2 antibody

BIRC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325949	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

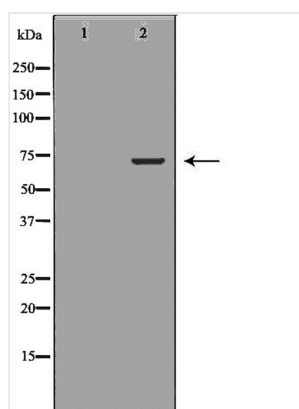
PRODUCT SYNONYMS

BIRC2; Polyclonal Antibody; BIRC2 Antibody; API 1; API1; Apoptosis inhibitor 1; Baculoviral IAP repeat containing 2; Baculoviral IAP repeat containing protein 2; Baculoviral IAP repeat-containing protein 2; BIRC 2; BIRC2_HUMAN; C IAP1; C-IAP1; cIAP 1; cIAP1; HIAP 2; HIAP-2; HIAP2; IAP 2; IAP homolog B; IAP-2; IAP2; Inhibitor of apoptosis protein 2; MIHB; NFR2 TRAF signalling complex protein; RING finger protein 48; RNF 48; RNF48; TNFR2 TRAF signaling complex protein 2; TNFR2-TRAF-signaling complex protein 2; anti-BIRC2 antibody

PRODUCT SPECIFICATIONS

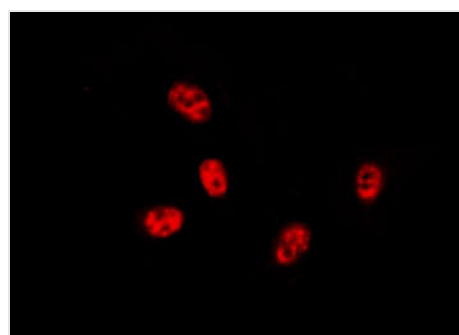
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BIRC2 antibody detects endogenous levels of total BIRC2
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	618
Applicable Applications for anti-BIRC2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human BIRC2 corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



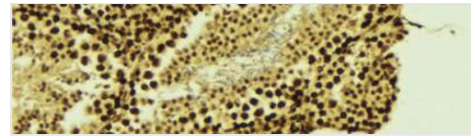
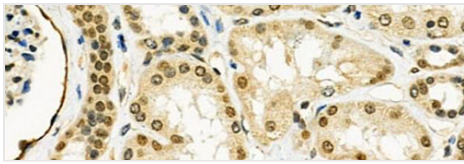
WB (Western Blot)

Western blot analysis of Jurkat whole cell lysates, using BIRC2 Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325949 staining HEPC2 cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37 degree C. The primary antibody was diluted 1/200 and incubated with the sample for 1 hour at 37 degree C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.



IHC (Immunohistochemistry)

AAA325949 at 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

IHC (Immunohistochemistry)

AAA325949 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-BIRC2 antibody

Description: The inhibitor of apoptosis protein (IAP) family consists of an evolutionarily conserved group of apoptosis inhibitors containing a conserved 70 amino acid BIR (baculovirus inhibitor repeat) domain (1, 2). Human members of this family include c-IAP1, c-IAP2, XIAP, survivin, livin, and NAIP. Overexpression of IAP family members, particularly survivin and livin, in cancer cell lines and primary tumors suggests an important role for these proteins in cancer progression (3-5). In general, the IAP proteins function through direct interactions to inhibit the activity of several caspases, including caspase-3, caspase-7, and caspase-9 (5, 6).

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	Observed: 70 kDa
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; MIHB; RNF48; hIAP-2; hIAP2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/birc2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325949>