

Rabbit BIRC2 Polyclonal Antibody | anti-BIRC2 antibody

BIRC2 Antibody

CATALOG # AAA301270	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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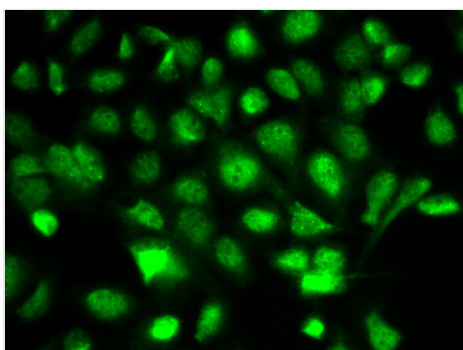
PRODUCT SYNONYMS

BIRC2; Polyclonal Antibody; BIRC2 Antibody; API1; HIAP2; Hiap-2; MIHB; anti-BIRC2 antibody

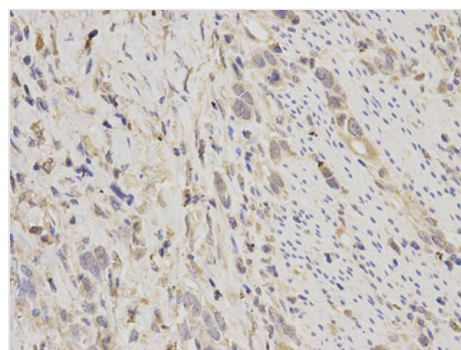
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total BIRC2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	618
Applicable Applications for anti-BIRC2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human BIRC2.
Target Name	BIRC2
Preparation and Storage	Store at -20 degree C

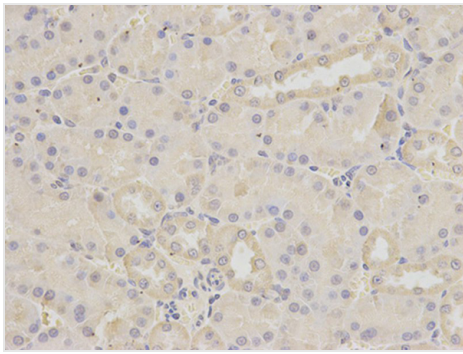
IMAGES


IF (Immunofluorescence)

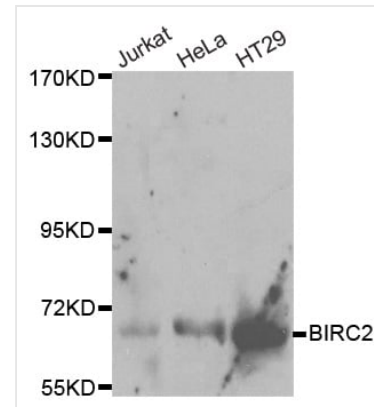
Immunofluorescence analysis of A549 cell using BIRC2 antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer using BIRC2 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat kidney using BIRC2 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using BIRC2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BIRC2 antibody	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). In addition, binding of IAP family members to the mitochondrial protein Smac blocks their interaction with caspase-9, thereby allowing the processing and activation of the caspase (2).
Product Categories/Family for anti-BIRC2 antibody	Total protein Ab

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.

