

Rabbit anti-Human cIAP-2/HIAP-1 Polyclonal Antibody | anti-cIAP-2/HIAP-1 antibody

Polyclonal Antibody to cIAP-2/HIAP-1

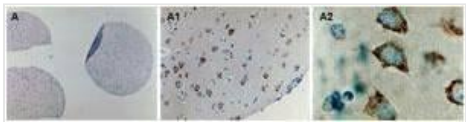
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78331	Rabbit	Human	Western Blot, Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

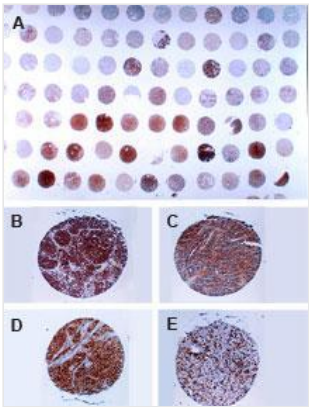
cIAP-2/HIAP-1; Polyclonal Antibody; Polyclonal Antibody to cIAP-2/HIAP-1; BIRC2; API1; IAP2; MIHB; RNF48; C-IAP1; IAP homolog B; IAP-2; Inhibitor of apoptosis protein 2; RING finger protein 48; TNFR2-TRAF-signaling complex protein 2; Antibody to cIAP-2/HIAP-1; Anti-cIAP-2/HIAP-1 Antibody; cIAP-2/HIAP-1 Antibody; anti-cIAP-2/HIAP-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	618
Applicable Applications for anti-cIAP-2/HIAP-1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen Information	A synthetic peptide human of cIAP-2 protein (amino acids 152-172 QDFSALMRSSYHCAMNNENAR) was used as the immunogen for this antibody
Antigen	cIAP-2/HIAP-1
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.



IHC (Immunohistochemistry)
Fig: 2 Immunohistochemical analysis of cIAP2 in paraffin-embedded formalin-fixed normal human brain tissue cores from a microarray using at 1: 2000. A. Tissue cores. A1 and A2, successively higher magnifications of a tissue core from A. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)
Fig: 1 Immunohistochemical analysis of cIAP2 in paraffin-embedded formalin-fixed tissue using at 1: 2000. A. Human brain tumor microarray showing differential expression of cIAP2. B-E, Higher magnification of selected high grade brain tumor tissue cores from A. Tumor types: PNET (B), ependymoblastoma (C), anaplastic oligodendroglioma (D), glioblastoma multiforme (E). Strong staining in high grade brain tumors implies malignancy-associated deregulated cIAP2 expression. Hematoxylin-eosin counterstain.

ADDITIONAL INFORMATION

Related Product Information for anti-cIAP-2/HiAP-1 antibody	This antibody recognizes cIAP2; human cIAP2 is a 604 amino acid protein.This also recognize AP12-MALT1 fusion proteins assuming that they contain the cIAP2 peptide sequence (QDFSALMRSSYHCAMNNENAR) used for immunogen.This protein is a member of the family of inhibitor of apoptosis proteins (IAP). IAPs suppress mitochondria-dependent and -independent apoptosis by binding to and inhibiting caspases through their BIR domains. The RING finger domains of several IAPs, including cIAP2, have E3 ubiquitin ligase activity and target the degradation of Smac/DIABLO through ubiquitination. Degradation of cell death inducers like Smac/DIABLO is thought to be a conserved mechanism by which IAPs enhance their anti-apoptotic activity, thereby promoting cell survival. Several variants of the API2-MALT1 fusion proteins can occur in MALT1 lymphoma patients depending on the chromosomal breakpoints. It is thought that AP12-MALT1 can enhance the activation of NK-kB signalling, which may be relevant to the pathology of MALT lymphomas.
Product Categories/Family for anti-cIAP-2/HiAP-1 antibody	Antibodies; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	2497238
NCBI GeneID	329
UniProt Accession #	Q13490; Q16516; Q4TTG0; B4E026
Molecular Weight	64,098 Da
NCBI Official Full Name	Baculoviral IAP repeat-containing protein 2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ciap-2-hiap-1-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/78331>