BIRC2Polyclonal Antibody

E90985

Catalog Number: E90985
Amount: 100ul
Background: 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).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: BIRC2;API1;HIAP2;Hiap-2;MIHB;RNF48;cIAP1 ;
Immunogen: Recombinant proteinof human BIRC2
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 70kDa
Swiss-Prot No. : Q13490
Gene ID: 329
References: 1. Deveraux, Q.L. and Reed, J.C. (1999) Genes Dev 13, 239-52. 2. Deveraux, Q.L. et al. (1998) EMBO J 17, 2215-23. 3. Altieri, D.C. et al. (1999) Lab Invest 79, 1327-33. 4. Tamm, I. et al. (2000) Clin Cancer Res 6, 1796-803. 5. Kasof, G.M. and Gomes, B.C. (2001) J BiolChem 276, 3238-46. 6. Deveraux, Q.L. et al. (1997) Nature 388, 300-4.

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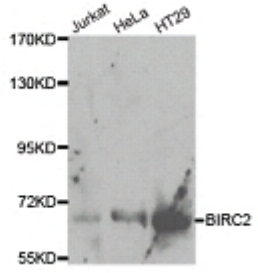
WB 1:500 - 1:2000
IHC 1:50- 1:200



Western blot analysis of extracts of various celllines, using BIRC2 antibody.

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