

## BIRC2 Polyclonal Antibody

<b>Catalog No :</b>	YN3009
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	BIRC2
<b>Fields :</b>	>>Platinum drug resistance;>>NF-kappa B signaling pathway;>>Ubiquitin mediated proteolysis;>>Apoptosis;>>Apoptosis - multiple species;>>Necroptosis;>>Hippo signaling pathway;>>Focal adhesion;>>NOD-like receptor signaling pathway;>>TNF signaling pathway;>>Salmonella infection;>>Toxoplasmosis;>>Herpes simplex virus 1 infection;>>Pathways in cancer;>>Transcriptional misregulation in cancer;>>Small cell lung cancer
<b>Gene Name :</b>	BIRC2 API1 IAP2 MIHB RNF48
<b>Protein Name :</b>	Baculoviral IAP repeat-containing protein 2 (EC 6.3.2.-) (C-IAP1) (IAP homolog B) (Inhibitor of apoptosis protein 2) (IAP-2) (hIAP-2) (hIAP2) (RING finger protein 48) (TNFR2-TRAF-signaling complex pro
<b>Human Gene Id :</b>	329
<b>Human Swiss Prot No :</b>	Q13490
<b>Mouse Swiss Prot No :</b>	Q62210
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	BIRC2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration :** 1 mg/ml

---

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

---

**Observed Band :** 67kD

---

**Cell Pathway :** Ubiquitin mediated proteolysis;Apoptosis\_Inhibition;Apoptosis\_Mitochondrial;Apoptosis\_Overview;Focal adhesion;NOD-like receptor;Pathways in cancer;Small cell lung cancer;

---

**Background :** The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012],

---

**Function :** function:Apoptotic suppressor. The BIR motifs region interacts with TNF receptor associated factors 1 and 2 (TRAF1 and TRAF2) to form a heteromeric complex, which is then recruited to the tumor necrosis factor receptor 2 (TNFR2).,similarity:Belongs to the IAP family.,similarity:Contains 1 CARD domain.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 3 BIR repeats.,subunit:Interacts with SMAC and with PRSS25; these interactions inhibit apoptotic suppressor activity.,tissue specificity:Present in many fetal and adult tissues. Mainly expressed in adult skeletal muscle, thymus, testis, ovary, and pancreas, low or absent in brain and peripheral blood leukocytes.,

---

**Subcellular Location :** Cytoplasm. Nucleus. Agents that induce either the extrinsic or intrinsic apoptotic pathways promote its redistribution from the nuclear compartment to the cytoplasmic compartment. Associated with the midbody in telophase cells, and found diffusely in the nucleus of interphase cells.

---

**Expression :** Present in many fetal and adult tissues. Mainly expressed in adult skeletal muscle, thymus, testis, ovary, and pancreas, low or absent in brain and peripheral blood leukocytes.

---

## Products Images