

cIAP1 Polyclonal Antibody

Catalog number: 10022-1-AP

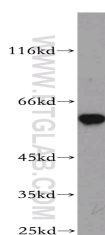
Size: 33 µg/150 µl

Source: Rabbit

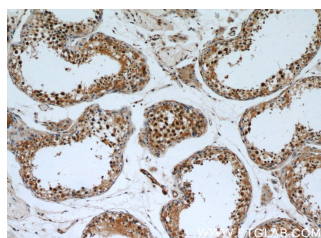
Isotype: IgG

Synonyms:

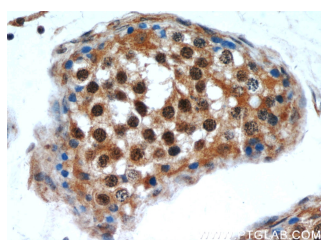
BIRC2; API1, BIRC2, C IAP1,
cIAP1, Hiap 2, HIAP2, IAP 2,
IAP homolog B, IAP2, MIHB,
RING finger protein 48, RNF48



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 10022-1-AP(cIAP1 antibody) at dilution of 1:1000



Immunohistochemical of paraffin-embedded human testis using 10022-1-AP(cIAP1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human testis using 10022-1-AP(cIAP1 antibody) at dilution of 1:50 (under 40x lens)

Background

BIRC2 (also known as cIAP1) is a member of the inhibitor of apoptosis protein (IAP) family. The inhibitor of apoptosis (IAP) proteins are a family of anti-apoptotic regulators found in viruses and metazoans. BIRC2 is a nuclear shuttling protein, whose subcellular localization is mediated by the CRM1-dependent nuclear export pathway (PMID: 15265700). The protein is regulated transcriptionally and can be inhibited by mitochondrial proteins released in the cytoplasm upon apoptotic stimuli (PMID: 15187025). BIRC2 is also believed to be a critical regulator of vascular integrity and endothelial cell survival, thereby providing an additional target pathway for the control of angiogenesis and blood vessel homeostasis during embryogenesis, regeneration and tumorigenesis (PMID: 17934460). This BIRC2 antibody (10022-1-AP) can bind both full length (70kd) and cleaved form (60kd) of the protein.

Applications

Tested applications:	ELISA, IF, WB, IHC
Cited applications:	IF, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human, mouse, zebrafish
Calculated cIAP1 MW:	618aa, 70 kDa
Observed cIAP1 MW:	70 kDa, 55-60 kDa
Positive WB detected in	Mouse skeletal muscle tissue, Jurkat cells, mouse brain tissue, mouse liver tissue, mouse testis tissue
Positive IHC detected in	Human testis tissue, human brain tissue, human kidney tissue, human ovary tissue, human pancreas tissue, human placenta tissue, human spleen tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

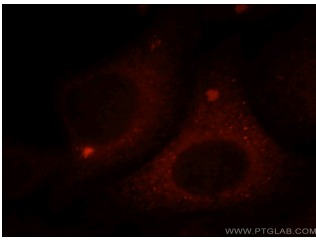
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag15203
GenBank accession number:	BC016174
Gene ID (NCBI):	329
Full name:	Baculoviral IAP repeat-containing 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



Immunofluorescent analysis of HepG2 cells, using BIRC2 antibody 10022-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).