

Product Datasheet

BIRC6 Antibody **NB110-40730**

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Updated 10/23/2024 v.20.1

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NB110-40730**BIRC6 Antibody****Product Information**

Unit Size	0.1 ml
Concentration	0.05 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description

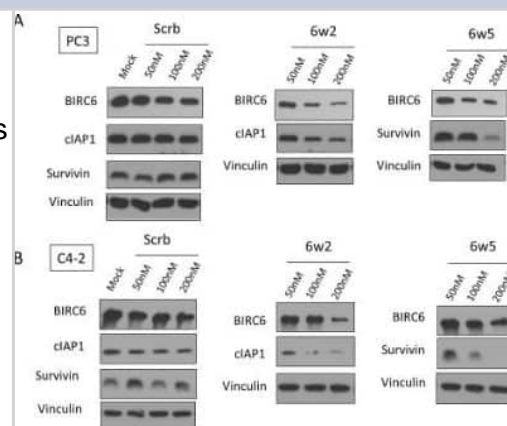
Host	Rabbit
Gene ID	57448
Gene Symbol	BIRC6
Species	Human
Reactivity Notes	Crab-eating macaque and White-tufted-ear marmoset (100%).
Immunogen	The immunogen recognized by this antibody maps to a region between residues 4775 and the C-terminus (residue 4829) of human Baculoviral IAP repeat-containing protein 6 using the numbering given in Swiss-Prot entry Q9NR09 (GeneID 57448).

Product Application Details

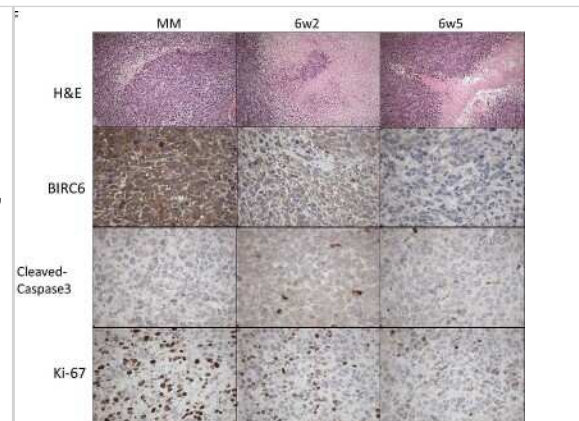
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Western Blot was reported in scientific literature (PMID: 25071009). Epitope exposure with citrate buffer will enhance staining. Likely to work with frozen sections.

Images

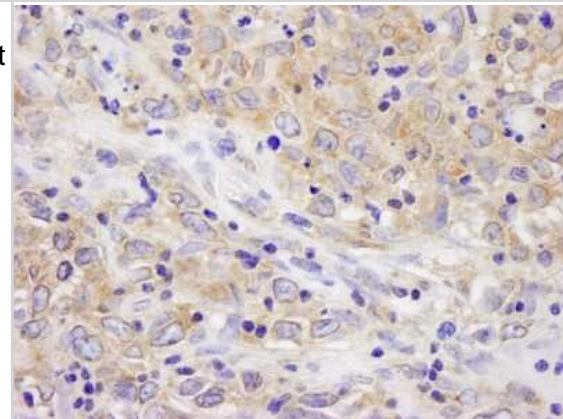
Western Blot: BIRC6 Antibody [NB110-40730] - Dual IAP-targeting ASOs knockdown BIRC6, cIAP1 or survivin proteins and lead to marked suppression of CRPC cell proliferation. Western blotting showing protein levels of BIRC6, cIAP1 and survivin in two CRPC cell lines (A) PC-3 cells and (B) C4-2 cells transfected with Mock or increasing dosages of scrambled ASO (Scrb), dASOs 6w2 and 6w5 for 72 hr. Image collected and cropped by CiteAb from the following publication (<https://www.oncotarget.com/fulltext/2229>), licensed under a CC-BY license.



Immunohistochemistry: BIRC6 Antibody [NB110-40730] - Treatments with dASOs resulted in significant lower viable tumor volume. Representative images of control ASO-6w2- and 6w5-treated PC-3 xenografts using H&E, and IHC staining of BIRC6, cleaved-caspase 3 and Ki-67. 20x magnification. Image collected and cropped by CiteAb from the following publication (<https://www.oncotarget.com/fulltext/2229>), licensed under a CC-BY license.



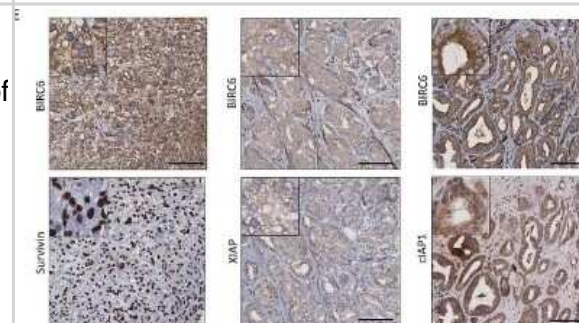
Immunohistochemistry-Paraffin: BIRC6 Antibody [NB110-40730] - FFPE section of human metastatic lymph node. Antibody: Affinity purified rabbit anti-BIRC6/Apollon used at a dilution of 1:250. Detection: DAB



Immunohistochemistry-Paraffin: BIRC6 Antibody [NB110-40730] - FFPE section of human ovarian tumor. Antibody: Affinity purified rabbit antiBIRC6/Apollon used at a dilution of 1:250. Detection: DAB



Immunohistochemistry: BIRC6 Antibody [NB110-40730] - Elevated BIRC6 expression is associated with advanced stages of prostate cancer: co-upregulation of other IAP members. Representative images of correlated expressions between BIRC6 and survivin, XIAP and cIAP1. 20x magnification, scale bar, 100 um. Image collected and cropped by CiteAb from the following publication (<https://www.oncotarget.com/fulltext/2229>), licensed under a CC-BY license.



Publications

Zhuang W, Zhang C, Hao F, Sun X. Baculoviral IAP Repeat Containing 6 (BIRC6) Is a Predictor of Prognosis in Prostate Cancer. *Med. Sci. Monit.* 2018-02-10 [PMID: 29429983] (IHC-P, Human)

Luk IS, Shrestha R, Xue H et al. BIRC6-targeting as potential therapy for advanced, enzalutamide-resistant prostate cancer *Clin. Cancer Res.* 2016-09-23 [PMID: 27663589] (IF/IHC, WB, Human)

Luk Sze Ue Iris, Xue Hui, Cheng Hongwei et al. The BIRC6 gene as a novel target for therapy of prostate cancer: dual targeting of inhibitors of apoptosis. *Oncotarget.* 2014-08-30 [PMID: 25071009] (WB)

Dong X, Lin D, Low C et al. Elevated expression of BIRC6 protein in non-small-cell lung cancers is associated with cancer recurrence and chemoresistance. *J Thorac Oncol* 2013-02-01 [PMID: 23287853]

Low CG, Luk IS, Lin D et al. BIRC6 Protein, an Inhibitor of Apoptosis: Role in Survival of Human Prostate Cancer Cells. *PLoS One* 2013-01-01 [PMID: 23409057] (WB, IF/IHC, Human)





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Products Related to NB110-40730

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57759PEP	BIRC6 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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