

Product Datasheet

cIAP-2/HiAP-1 Antibody - BSA Free NBP1-27972

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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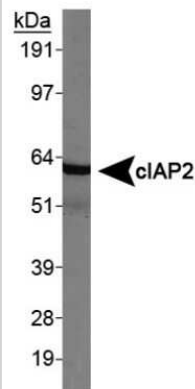
NBP1-27972

cIAP-2/HiAP-1 Antibody - BSA Free

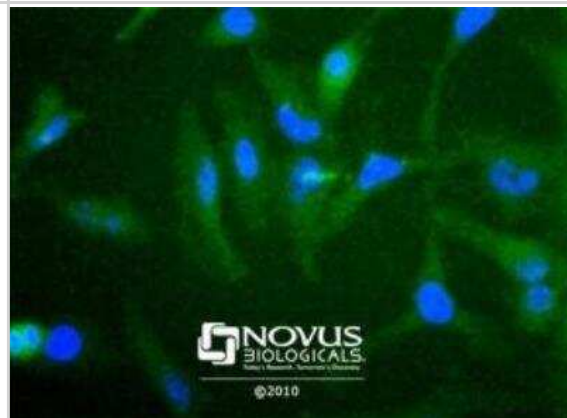
Product Information	
Unit Size	0.1 ml
Concentration	1.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 30% Glycerol
Target Molecular Weight	64 kDa
Product Description	
Host	Rabbit
Gene ID	330
Gene Symbol	BIRC3
Species	Human
Immunogen	Synthetic peptide made to an internal portion of human cIAP2 (within residues 100-200). [Swiss-Prot# Q13489]
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Simple Western 1:100, Immunohistochemistry 1:800-1:3200, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:800-1:3200
Application Notes	<p>This cIAP2 antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry paraffin embedded sections and Western blot analysis, where a band can be seen at approx. 64 kDa.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See Simple Western Antibody Database for Simple Western validation: Tested in HepG2 lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:100, apparent MW was 66 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p>

Images

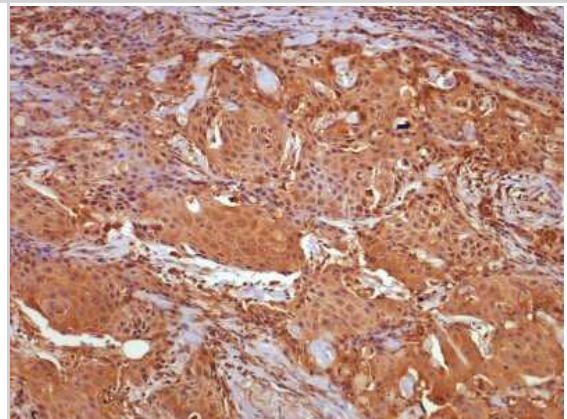
Western Blot: cIAP-2/HiAP-1 Antibody [NBP1-27972] - HeLa whole cell lysate.



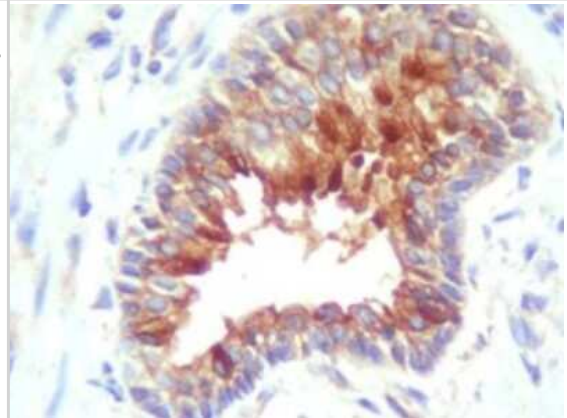
Immunocytochemistry/Immunofluorescence: cIAP-2/HiAP-1 Antibody [NBP1-27972] - HIAD1 staining in Hela cells detected with a Dylight 488 labeled secondary antibody (Green) with Hoechst 33258 nuclear counterstain (Blue).



Immunohistochemistry-Paraffin: cIAP-2/HiAP-1 Antibody [NBP1-27972] - cIAP2 staining in Oral Squamous Cell Carcinoma (OSCC). Image from verified customer review.



Immunohistochemistry: cIAP-2/HiAP-1 Antibody [NBP1-27972] - Analysis of human adenocarcinoma cells and adjacent glands using anti-cIAP2.



Simple Western: cIAP-2/HiAP-1 Antibody [NBP1-27972] - Simple Western lane view shows a specific band for Ciap2 in 0.5 mg/ml of HepG2 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. *Non-specific interaction with the 230 kDa standard may be seen with this antibody.



Publications

Priyanka G. Bhosale, Manishkumar Pandey, Simona Cristea, Mickey Shah, Asawari Patil, Niko Beerenwinkel, Alejandro A. Schäffer, Manoj B. Mahimkar Recurring Amplification at 11q22.1-q22.2 Locus Plays an Important Role in Lymph Node Metastasis and Radioresistance in OSCC Scientific Reports 2017-11-22 [PMID: 29167558]

Kurita S, Mott JL, Cazanave SC et al. Hedgehog Inhibition Promotes a Switch from Type II to Type I Cell Death Receptor Signaling in Cancer Cells. PLoS ONE. 2011-03-31 [PMID: 21483830] (WB, Human)

Guicciardi ME, Mott JL, Bronk SF et al. Cellular Inhibitor of Apoptosis 1 (cIAP-1) Degradation by Caspase 8 During TNF-related Apoptosis-inducing Ligand (TRAIL)-induced Apoptosis. Exp Cell Res. 2010-10-13 [PMID: 20951133] (WB, Human)

Procedures

Western Blot Protocol for cIAP2 Antibody (NBP1-27972)

cIAP-2/HiAP-1 Antibody:

Procedure Guide for NBP1-27972- cIAP2 Antibody

Procedure Guide for NBP1-27972 - cIAP2 Antibody

Western Blot Protocol

1. Perform SDS-PAGE (4-12% MOPS) on samples to be analyzed, loading 40 ug of total protein per lane.
2. Transfer proteins to Nitrocellulose according to the instructions provided by the manufacturer of the transfer apparatus.
3. Rinse membrane with dH₂O and then stain the blot using Ponceau S for 1-2 minutes to access the transfer of proteins onto the nitrocellulose membrane. Rinse the blot in water to remove excess stain and mark the lane locations

and locations of molecular weight markers using a pencil.

4. Rinse the blot in TBS for approximately 5 minutes.
5. Block the membrane using 5% BSA in TBS + Tween, 1 hour at RT.
6. Rinse the membrane in dH₂O and then wash the membrane in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each.
7. Dilute the rabbit anti-cIAP2 primary antibody (NBP1-27972) in blocking buffer and incubate 1 hour at room temperature.
8. Rinse the membrane in dH₂O and then wash the membrane in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each.
9. Apply the diluted rabbit-IgG HRP-conjugated secondary antibody in blocking buffer (as per manufacturers instructions) and incubate 1 hour at room temperature.
10. Wash the blot in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each (this step can be repeated as required to reduce background).
11. Apply the detection reagent of choice in accordance with the manufacturers instructions (Pierce ECL).

Note: Tween-20 can be added to the blocking or antibody dilution buffer at a final concentration of 0.05-0.2%, provided

it does not interfere with antibody-antigen binding.

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Products Related to NBP1-27972

NBL1-07985	cIAP-2/HiAP-1 Overexpression Lysate
NBP1-27972PEP	cIAP-2/HiAP-1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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