

Product Datasheet

XIAP Antibody **NB100-56185**

Unit Size: 0.05 ml

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

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NB100-56185**XIAP Antibody**

| Product Information | |
|----------------------------|--|
| Unit Size | 0.05 ml |
| Concentration | This product is unpurified. The exact concentration of antibody is not quantifiable. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Unpurified |
| Buffer | Whole antisera |

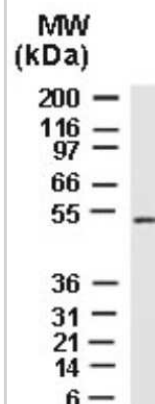
| Product Description | |
|--------------------------------|--|
| Host | Rabbit |
| Gene ID | 331 |
| Gene Symbol | XIAP |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Cross reacts with Gerbil, Human, Mouse and Rat. |
| Specificity/Sensitivity | The antibody recognizes epitopes in the BIR2 domain of XIAP. Therefore it can recognize full-length XIAP and XIAP cleavage fragments containing the BIR2 domain. However, XIAP cleavage fragments may be biologically unstable, and therefore cleavage fragments may be difficult to detect. |
| Immunogen | Recombinant BIR2 domain protein fragment of human XIAP was used as immunogen. The BIR2 domain used for immunogen corresponds to amino acids 163-230 of human XIAP (Deveraux et al, 1999). |

| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000 |

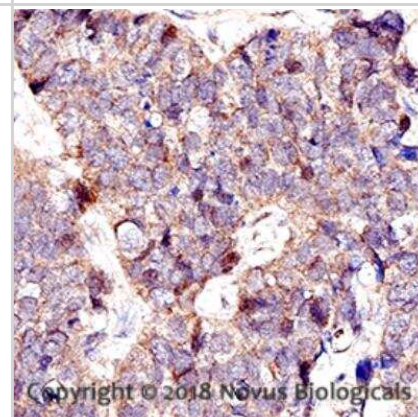


Images

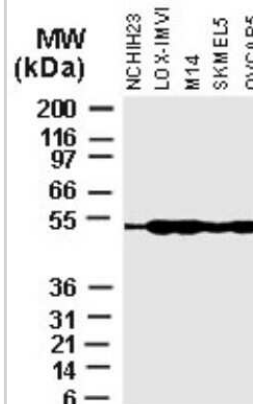
Western Blot: XIAP Antibody [NB100-56185] - Analysis of XIAP using in Human Embryonic Kidney 293 cells using this antibody.



Immunohistochemistry-Paraffin: XIAP Antibody [NB100-56185] - IHC analysis of a formalin fixed paraffin-embedded (FFPE) human breast cancer using a 1:200 dilution of XIAP antibody on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images (20X) was performed using Aperio AT2 (Leica Biosystems). Nuclear and cytoplasmic staining was observed. Staining was performed by Histowiz.



Western Blot: XIAP Antibody [NB100-56185] - Analysis of XIAP in various Tumor Cell lines using this antibody at 1:2000.



Publications

Ng VH, Hang BI, Sawyer LM et al. Phosphorylation of XIAP at threonine 180 controls its activity in Wnt signaling. J. Cell. Sci. 2018-04-20 [PMID: 29678905] (IP)



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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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