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KILLIN Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11611b

Product Information

Application	WB, E
Primary Accession	B2CW77
Other Accession	NP_001119521.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	19958
Antigen Region	136-163

Additional Information

Gene ID	100144748
Other Names	Killin, KLLN
Target/Specificity	This KILLIN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-163 amino acids from the C-terminal region of human KILLIN.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KILLIN Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KLLN
Function	DNA-binding protein involved in S phase checkpoint control- coupled apoptosis by mediating p53/TP53-induced apoptosis. Has the ability to inhibit DNA synthesis and S phase arrest coupled to apoptosis. Has affinity to both double- and single-stranded DNA.

Cellular Location Nucleus.

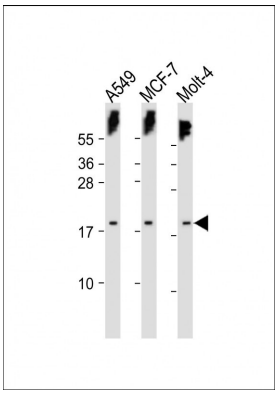
Background

DNA-binding protein involved in S phase checkpoint control-coupled apoptosis by mediating TP53/p53-induced apoptosis. Has the ability to inhibit DNA synthesis and S phase arrest coupled to apoptosis. Has affinity to both double-and single-stranded DNA.

References

Cho, Y.J., et al. Proc. Natl. Acad. Sci. U.S.A. 105(14):5396-5401(2008)

Images



All lanes : Anti-KILLIN Antibody (C-term) at 1:500 dilution Lane 1: A549 whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: Molt-4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 20 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Citations

- Androgen receptor-induced tumor suppressor, KLLN, inhibits breast cancer growth and transcriptionally activates p53/p73-mediated apoptosis in breast carcinomas.
- Nuclear KLLN expression associates with improved relapse-free survival for prostate carcinoma.
- Activation of AR sensitizes breast carcinomas to NVP-BEZ235\'s therapeutic effect mediated by PTEN and KLLN upregulation.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.