

Product datasheet

Anti-Noxa antibody ab23563

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Overview

Product name	Anti-Noxa antibody
Description	Rabbit polyclonal to Noxa
Host species	Rabbit
Specificity	ab23563 recognises a 16.5kDa Noxa molecule. Western Blot analysis of cells infected with Noxa adenoviruses and BAF indicates a high level of specificity for this antiserum,
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide: CAQLRRIGDKVNLRQK , corresponding to C terminal amino acids 75/90 of Mouse Noxa, coupled to Diphtheria Toxoid via a cysteine molecule added at the amino terminal of the peptide sequence. Run BLAST with Run BLAST with

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7 Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab23563 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	Use at an assay dependent concentration.

Target

Function	Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.
Tissue specificity	Highly expressed in adult T-cell leukemia cell line.
Sequence similarities	Belongs to the PMAIP1 family.
Domain	The BH3 motif is essential for pro-apoptotic activity.
Cellular localization	Mitochondrion.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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