

DATASHEET

NOXA Rabbit Polyclonal Antibody

CAT. NO. APA14898

KEY FEATURES

Target	NOXA	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

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 . Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to NOXA
Specificity	Recognizes endogenous levels of NOXA protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human NOXA
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 6; Observed: 14 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NOXA; Phorbol-12-myristate-13-acetate-induced protein 1; PMA-induced protein 1; Immediate-early-response protein APR; Protein Noxa
Gene Symbol	PMAIP1
Entrez Gene	5366(Human); 58801(Mouse); 492821(Rat)
SwissProt	Q13794(Human); Q9JM54(Mouse); Q5U777(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

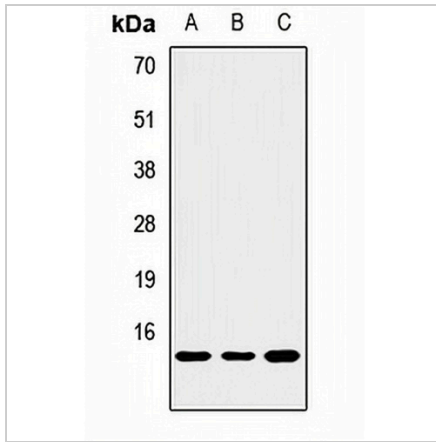
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

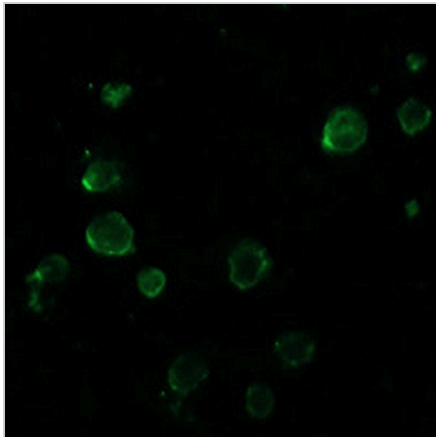
NOXA Rabbit Polyclonal Antibody

CAT. NO. APA14898

DATA



Western blot analysis of NOXA expression in Jurkat (A), HeLa (B), SKOV3 (C) whole cell lysates. (Predicted band size: 6; 14 kD; Observed band size: 14 kD)



Immunofluorescent analysis of NOXA staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.