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Noxa Antibody

Rabbit mAb
Catalog # AP91204

Product Information

Application	WB
Primary Accession	Q13794
Reactivity	Human
Clonality	Monoclonal
Other Names	APR; ATL-derived; NOXA; Pmaip1; Protein Noxa;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	6030

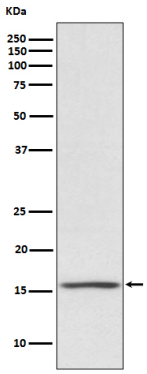
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Noxa
Description	Noxa is a pro-apoptotic Bcl-2 family protein that contains a single Bcl-2 homology (BH3) domain. 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PMAIP1
Synonyms	NOXA
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.
Cellular Location	Mitochondrion
Tissue Location	Highly expressed in adult T-cell leukemia cell line

Images



Western blot analysis of Noxa expression in Jurkat cell lysate;.