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Anti-Noxa Rabbit Monoclonal Antibody
Catalog # ABO13537

Specification

Anti-Noxa Rabbit Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q13794
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-Noxa Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse.

Anti-Noxa Rabbit Monoclonal Antibody - Additional Information

Gene ID 5366

Other Names
Phorbol-12-myristate-13-acetate-induced protein 1, PMA-induced protein 1, Immediate-early-response protein APR, Protein Noxa, PMAIP1, NOXA

Calculated MW
6030 MW KDa

Application Details
WB 1:500-1:2000

Subcellular Localization
Mitochondrion.

Tissue Specificity
Highly expressed in adult T-cell leukemia cell line.

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human Noxa

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated**

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freeze-thaw cycles.

Anti-Noxa Rabbit Monoclonal Antibody - 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

Anti-Noxa Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Noxa Rabbit Monoclonal Antibody - Images

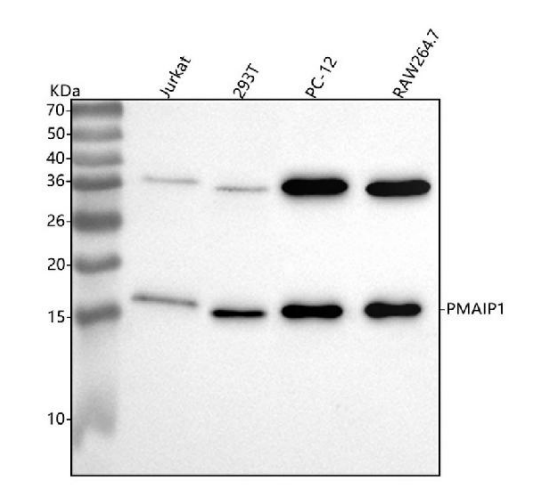

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Figure 1. Western blot analysis of PMAIP1 using anti-PMAIP1 antibody (M02287).
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human Jurkat whole cell lysates,
Lane 2: human 293T whole cell lysates,
Lane 3: rat PC-12 whole cell lysates,
Lane 4: mouse RAW264.7 whole cell lysates.
After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-PMAIP1 antigen affinity purified monoclonal antibody (Catalog # M02287) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for PMAIP1 at approximately 16 kDa. The expected band size for PMAIP1 is at 6 kDa.