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Datasheet for ABIN873278 **anti-NOXA antibody (AA 21-54)**

Overview

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| Quantity: | 100 µL |
| Target: | NOXA (PMAIP1) |
| Binding Specificity: | AA 21-54 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NOXA antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human Noxa |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Pig, Horse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | NOXA (PMAIP1) |
| Alternative Name: | Noxa (PMAIP1 Products) |

Target Details

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| Background: | <p>Synonyms: Adult T cell leukemia derived PMA responsive, APR, APR_HUMAN, Immediate early response protein APR, Immediate-early-response protein APR, Phorbol 12 myristate 13 acetate induced protein 1, Phorbol-12-myristate-13-acetate-induced protein 1, PMA induced protein 1, PMA-induced protein 1, PMAIP1, Protein Noxa.</p> <p>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 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.</p> |
| Gene ID: | 5366 |
| Pathways: | p53 Signaling , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Positive Regulation of Response to DNA Damage Stimulus |

Application Details

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| Application Notes: | <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

Handling

Expiry Date: 12 months