

An Affymetrix Company

Anti-Noxa Purified Purified

Catalog Number: 14-6046

RUO: For Research Use Only. Not for use in diagnostic procedures.

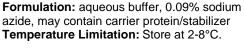
Product Information

Contents: Anti-Noxa Purified Purified

REF Catalog Number: 14-6046

Clone: Polyclonal

Concentration: 0.2 mg/mL Host/Isotype: Rabbit IgG



Batch Code: Refer to vial Use By: Refer to vial

Description

This polyclonal antibody recognizes human, mouse and rat Noxa, a 15 kDa protein involved in apoptosis. Noxa is a BH3-only member of the bcl2 pro-apoptotic family. Expression is dependent on p53 expression. Under hypoxic conditions the protein is induced via HIF1 alpha. Down-regulation or blocking expression leads to suppression of apoptosis; thereby suggesting a therapeutic use for reagents that reduce expression. Further supporting this is Noxa's overexpression in mantle cell lymphoma. In immunoblots a higher molecular weight band (about 34 kDa) has also been observed.

Applications Reported

This Polyclonal antibody has been reported for use in western blotting.

Applications Tested

This polyclonal antibody has been tested by western blot analysis of Jurkat cell lysate. This can be used at 0.5-4 ug/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Pedro Eitz Ferrer, Stephanie Potthoff, Susanne Kirschnek, Georg Gasteiger, Wolfgang Kastenmüller, Holger Ludwig, Stefan A. Paschen, Andreas Villunger, Gerd Sutter, Ingo Drexler, Georg Häcker Induction of Noxa-Mediated Apoptosis by Modified Vaccinia Virus Ankara Depends on Viral Recognition by Cytosolic Helicases, Leading to IRF-3/IFN-ß-Dependent Induction of Pro-Apoptotic Noxa. PLoS Pathog. 2011 June; 7(6): e1002083.

Jee-Youn Kim, Hyun-Jong Ahn, Jong-Hoon Ryu, Kyoungho Suk, Jae-Hoon Park BH3-only Protein Noxa Is a Mediator of Hypoxic Cell Death Induced by Hypoxia-inducible Factor 1a. J Exp Med. 2004 January 5; 199(1): 113–124.

Oda E, Ohki R, Murasawa H, Nemoto J, Shibue T, Yamashita T, Tokino T, Taniguchi T, Tanaka N. Noxa, a BH3-only member of the Bcl-2 family and candidate mediator of p53-induced apoptosis. Science. 2000 May 12:288(5468):1053-8.

Related Products

14-6008 Anti-AIM2 Purified (Polyclonal)

14-6041 Anti-Human/Mouse PUMA Purified (Polyclonal)

14-6047 Anti-XIAP Purified (polyclonal)

14-6048 Anti-Mouse/Rat Receptor Interacting Protein 3 (RIP3) Purified (Polyclonal)

14-6049 Anti-p53DINP1 Purified

85-86123 p53 (Total/Phospho) InstantOne™ ELISA