Datasheet for ABIN1886900

anti-BNIP3L/NIX antibody (AA 77-92)

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Overview

Quantity:	100 µL
Target:	BNIP3L/NIX (BNIP3L)
Binding Specificity:	AA 77-92
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BNIP3L/NIX antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Peptide corresponding to amino acids 77 to 92 of human origin, which are identical to those of mouse Bnip3L.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	BNIP3L/NIX (BNIP3L)
Alternative Name:	Bnip3L (BNIP3L Products)
Background:	Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death.Bcl-2 homology 3 (BH3) domain is a potent death domain.BH3 domain containing pro-apoptotic proteins, including Bad, Bax, Bid, Bik, Hrk, Nip3, and Bim, form a growing subclass of the Bcl-2 family.A novel BH3 domain containing protein was recently identified and

Target Details

	designated Bnip3L, Bnip3alpha, and Nix (for Nip3-like protein X).Bnip3L/Bnip3alpha/Nix is a homolog of the E1B 19K/Bcl-2 binding and pro-apoptotic protein Bnip3.Overexpression of Bnip3L induces apoptosis.Bnip3L interacts with and overcomes suppresses by Bcl-2 and Bcl-xL.Bnip3L is localized in mitochondria.The messenger RNA of Bnip3L is ubiquitously expressed in human tissues.Bnip3L and Bnip3 form a new subfamily of the pro-apoptotic mitochondrial proteins. Synonyms: Nix
Molecular Weight:	40 kDa
Pathways:	Autophagy

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid freezing and thawing repeatly.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term use.Store at -20 °C for long term preservation.