

Datasheet for ABIN2787863
anti-BNIP3L/NIX antibody (Middle Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	BNIP3L/NIX (BNIP3L)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BNIP3L/NIX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	CDSPSPQEDG QIMFDVEMHT SRDHSSQSEE EVVEGEKEVE ALKKSADWVS
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Bnip3l. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BNIP3L/NIX (BNIP3L)
Alternative Name:	Bnip3l (BNIP3L Products)
Background:	Bnip3l induces apoptosis. It interacts with viral and cellular anti-apoptosis proteins. It can

Target Details

overcome the suppressors BCL-2 and BCL-XL, although high levels of BCL-XL expression will inhibit apoptosis. It inhibits apoptosis induced by BNIP3. It is involved in mitochondrial quality control via its interaction with SPATA18/MIEAP: in response to mitochondrial damage, participates to mitochondrial protein catabolic process (also named MALM) leading to the degradation of damaged proteins inside mitochondria. Bnip3l may function as a tumor suppressor.

Alias Symbols: C86132, D14Ert719e, Nip3L, Nix

Protein Size: 218

Molecular Weight: 24 kDa

Gene ID: 12177

NCBI Accession: [NM_009761](#), [NP_033891](#)

UniProt: [Q9Z2F7](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 218 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Handling

aliquots to prevent freeze-thaw cycles.

Images

