

Datasheet for ABIN461995
anti-BNIP3 antibody (AA 112-124)

3 Images

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Overview

Quantity:	50 µL
Target:	BNIP3
Binding Specificity:	AA 112-124
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BNIP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant fragment (Residues 1-163 of Human BNIP3). Epitope: The epitope recognized by the antibody resides within amino acids 112-124 of human BNIP3 molecule. Type of Immunogen: Recombinant protein
Isotype:	IgG2b
Specificity:	Species cross-reactivity: Human.
Purification:	Immunoaffinity purified

Target Details

Target:	BNIP3
Alternative Name:	NIP3 / BNIP3 (BNIP3 Products)
Background:	Name/Gene ID: BNIP3 Synonyms: BNIP3, NIP3
Gene ID:	664
UniProt:	Q12983
Pathways:	Autophagy , Brown Fat Cell Differentiation

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-P (10 µg/mL), IP, WB Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL. Western Blot, Immunoprecipitation and Immunocytochemistry. Western Blot: 2-4 µg/mL. Detects a band at ~30kD and ~60kD. Positive control: Whole cell lysate from 293T cells transfected with BNIP3.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

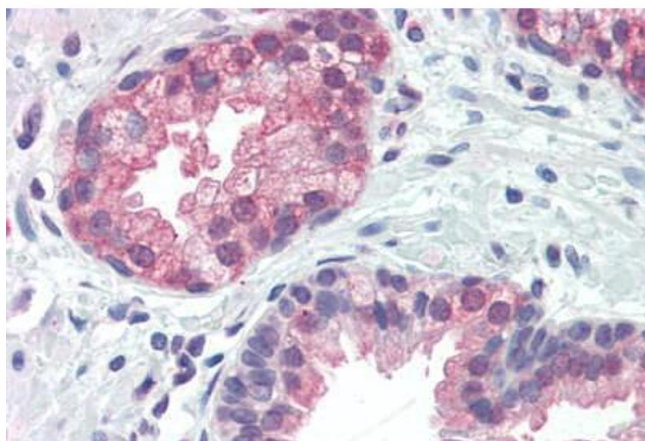
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 15 mM sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C, -80 °C

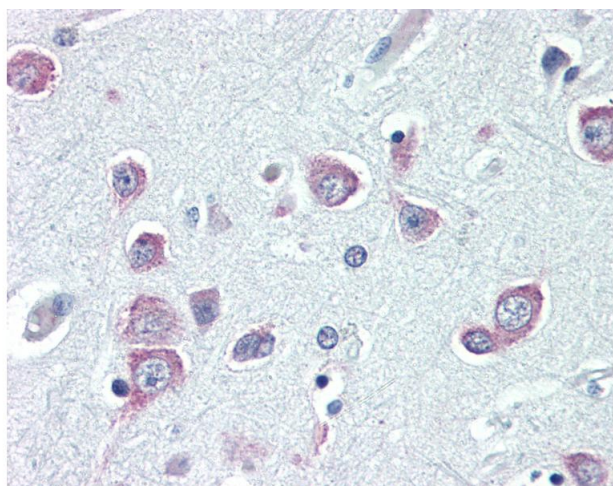
Storage Comment: 4°C while lyophilized, once reconstituted, aliquot and store at -70°C.

Images



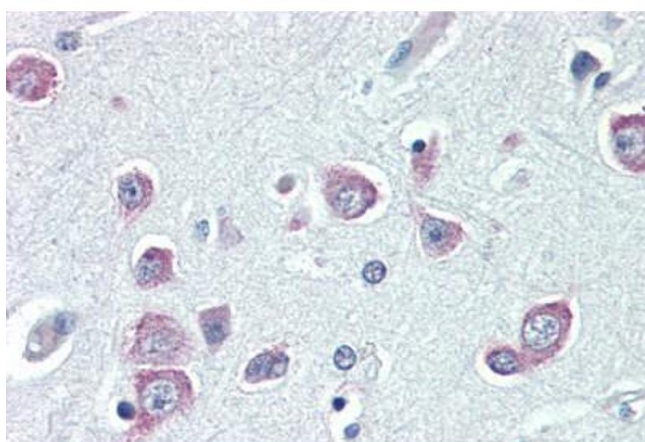
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Prostate (formalin-fixed, paraffin-embedded) stained with BNIP3 antibody ABIN461995 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-BNIP3 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with BNIP3 antibody ABIN461995 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.