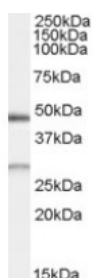




## BNIP1 Antibody

CATALOG NUMBER: 45-335



Western Blot (0.5ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:8000. Western Blot: Approx 28kDa band observed in Human Kidney lysates (calculated MW of 26.1kDa according to NP_001196.1; NP_053581.1; NP_053582.1; NP_053583.1). Recommended concentration: 0.5-1.5ug/ml. An additional band of unknown identity was also consist
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1305 - Human Kidney Tissue Lysate
<b>SPECIFICITY:</b>	All reported variants represent isoform 1 (NP_001196.1; NP_053581.1; NP_053582.1; NP_053583.1)
<b>IMMUNOGEN:</b>	BNIP1 antibody was raised against a 15 amino acid synthetic peptide near the internal region of BNIP1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	BNIP1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	BNIP1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	BNIP1, BCL2/adenovirus E1B 19 kDa interacting protein 1, NIP1, SEC20, TRG-8, BCL2/adenovirus E1B 19kD interacting protein 1, BCL2/adenovirus E1B 19kD-interacting protein 1, SEC20L, TRG8
<b>ACCESSION NO.:</b>	NP_001196.1, NP_053581.1, NP_053582.1, NP_053583.1
<b>PROTEIN GI NO.:</b>	4502441

**OFFICIAL SYMBOL:** BNIP1

**GENE ID:** 662

### Background

**REFERENCES:** 1) Nakajima K, Hirose H, Taniguchi M, Kurashina H, Arasaki K, Nagahama M, Tani K, Yamamoto A, Tagaya M. Involvement of BNIP1 in apoptosis and endoplasmic reticulum membrane fusion. EMBO J. 2004 Aug 18;23(16):3216-26. Epub 2004 Jul 22.

**FOR RESEARCH USE ONLY**

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