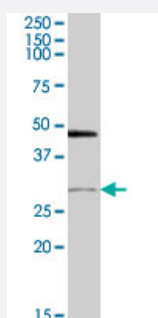


BNIP1 polyclonal antibody

Catalog # PAB7347 Size 100 ug

Applications



Western Blot (Tissue lysate)

BNIP1 polyclonal antibody (Cat # PAB7347) (0.5 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BNIP1.
Immunogen	A synthetic peptide corresponding to human BNIP1.
Sequence	C-DLLRQRKTTKESLAQ
Host	Goat
Theoretical MW (kDa)	26.1
Reactivity	Human
Specificity	All reported variants represent isoform 1 (NP_001196.1, NP_053581.1, NP_053582.1, NP_053583.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:8000) Western Blot (0.5-1.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

BNIP1 polyclonal antibody (Cat # PAB7347) (0.5 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BNIP1

Entrez GeneID	662
Protein Accession#	NP_001196.1 ; NP_053581.1 ; NP_053582.1 ; NP_053583.1
Gene Name	BNIP1
Gene Alias	NIP1, SEC20, TRG-8
Gene Description	BCL2/adenovirus E1B 19kDa interacting protein 1
Omim ID	603291
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector. Alternative splicing of this gene results in four protein products with identical N- and C-termini. [provided by RefSeq]
Other Designations	BCL2/adenovirus E1B 19kD interacting protein 1 BCL2/adenovirus E1B 19kD-interacting protein 1 OTTHUMP00000161079

Publication Reference

- [Involvement of BNIP1 in apoptosis and endoplasmic reticulum membrane fusion.](#)

Nakajima K, Hirose H, Taniguchi M, Kurashina H, Arasaki K, Nagahama M, Tani K, Yamamoto A, Tagaya M.

The EMBO Journal 2004 Aug; 23(16):3216.

Application: IF, IP, WB-Tr, Human, HeLa, HEK 293T, MCF-7 cells

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)