Rabbit anti-Human, mouse NIP1 Polyclonal Antibody | anti-BNIP1 antibody

NIP1 Antibody (BH3 Domain Specific)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288567	**Rabbit**	**Human, mouse**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

NIP1; Polyclonal Antibody; NIP1 Antibody (BH3 Domain Specific); Vesicle transport protein SEC20; BCL2/adenovirus E1B 19 kDa protein-interacting protein 1; Transformation-related gene 8 protein; TRG-8; BNIP1; SEC20L; anti-BNIP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-127 amino acids from human NIP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.93 (varies by lot)
Sequence Positions	92-127
Sequence Length	228
Applicable Applications for anti-BNIP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

WB (Western Blot)
Western blot analysis of anti-NIP1 BH3 Domain Pab in HL60 cell lysates (35ug/lane). NIP1 BH3 Domain (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-BNIP1 antibody	NIP1 (BNIP1) 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 products of unknown function. Transcript variant BNIP1 contains the entire coding region of the gene. This variant contains a fully conserved BH3 domain, which has been associated with pro-apoptotic function.
Product Categories/Family for anti-BNIP1 antibody	Cell Biology; Signal transduction
References	Zhang, H., et al., FEBS Lett. 448(1):23-27 (1999). Boyd, J.M., et al., Cell 79(2):341-351 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	153946401
NCBI GeneID	662
NCBI Accession #	NP_001196.2; NP_053581.2; NP_053582.2; NP_053583.2
NCBI GenBank Nucleotide #	NM_001205.2
UniProt Accession #	Q12981; O75622; O75623; O75624; Q6K044; Q96FG4; D3DQM3; D3DQM4; D3DQM5; D3DQM6
Molecular Weight	26132
NCBI Official Full Name	vesicle transport protein SEC20 isoform BNIP1
NCBI Official Synonym Full Names	BCL2/adenovirus E1B 19kDa interacting protein 1
NCBI Official Symbol	BNIP1
NCBI Official Synonym Symbols	NIP1; SEC20; TRG-8
NCBI Protein Information	vesicle transport protein SEC20
UniProt Protein Name	Vesicle transport protein SEC20
UniProt Gene Name	**BNIP1**
UniProt Synonym Gene Names	NIP1; SEC20L; TRG-8
UniProt Entry Name	SEC20_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/nip1-antibody-immunohistochemistry-western-blot-elisa/288567