

## Goat anti-BNIP1 Antibody

Item Number	dAP-1159
Target Molecule	Principle Name: BNIP1; Official Symbol: BNIP1; All Names and Symbols: BNIP1; BCL2/adenovirus E1B 19kDa interacting protein 1; NIP1; SEC20; TRG-8; BCL2/adenovirus E1B 19kD interacting protein 1; BCL2/adenovirus E1B 19kD-interacting protein 1; Accession Number (s): NP_001196.1; NP_053581.1; NP_053582.1; NP_053583.1; Human Gene ID(s): 662; Non-Human GenID(s): 224630 (mouse) 140932 (rat)
Immunogen	DLLRQRKTTKESLAQ, is from internal region All reported variants represent isoform 1 (NP_001196.1; NP_053581.1; NP_053582.1; NP_053583.1)
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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: 0.5-1.5µg/ml. An additional band of unknown identity was also consistent.
IHC	
Reference	Reference(s): 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..PMID: 15272311->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**