

Product name:	PUMA Rabbit Polyclonal Antibody
Cat number:	ABN16691
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human PUMA. AA range:120-169
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,ICC/IF 1:100-1:300,ELISA 1:5000-1:20000
Molecular Weight:	23kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization and apoptosis. It can bind to anti-apoptotic Bcl-2 family members to induce mitochondrial dysfunction and caspase activation. Because of its pro-apoptotic role, this gene is a potential drug target for cancer therapy and for tissue injury. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011],function:Essential mediator of p53-dependent and p53-independent apoptosis.,induction:By DNA damage, glucocorticoid treatment, growth factor deprivation and p53.,similarity:Belongs to the Bcl-2 family.,subcellular location:Localized to the mitochondria in order to induce cytochrome c release.,subunit:Interacts with MCL1 and BCL2A1 (By similarity). Interacts with BCL2 and BCL2L1/BCL-XL.,tissue specificity:Ubiquitously expressed.,